Environment Canada Environnement Canada

Historical Streamflow Summary
Yukon and Northwest Territories

Sommaire chronologique de l'écoulement
Yukon et Territoires du Nord-Ouest

TO/JUSQU'À 1988

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1989

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Chief, N.W.T. Programs, Yellowknife, N.W.T. and the Regional Chief of the Water Resources Branch at Vancouver, British Columbia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision Chef des programmes des T.N.-O. Yellowknife (T.N.-O.) et du Chef régional de la Direction des ressources en eau, à Vancouver (Colombie-Britannique).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents a summary of monthly and annual mean discharges and annual extremes of discharge for rivers in the Yukon and Northwest Territories for which streamflow data to 1988 inclusive have been collected by the Water Survey of Canada. This edition supersedes all previous editions.

A program for the collection and publication of Surface Water Data has been carried on across Canada for over 75 years. The results of these hydrometric survey investigations have been published annually.

Discharge data are available on punched cards or magnetic tape for computer processing. These data and details on individual stations and related records, as well as recent data which have not yet been published may be obtained upon application to:

Chief, N.W.T. Programs,
Inland Waters Directorate,
Department of the Environment,
P.O. Box 2970,
Yellowknife, N.W.T.
X1A 2R2
(403 920-8500)

Regional Chief,
Water Resources Branch,
Department of the Environment,
Room 502,
1001 West Pender Street,
Vancouver, B.C.
V6E 2M9
(604 666-3606)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente un sommaire des moyennes mensuelles et annuelles de l'écoulement et des extrêmes annuels de cours d'eau du Yukon et des Territoires du Nord-Ouest, pour lesquels la Division des relevés hydrologiques du Canada a obtenu des données jusqu'en 1988 inclusivement. La présente publication annule toutes les éditions antérieures.

La cueillette et la publication de données sur les eaux de surface sont en oeuvre depuis plus de 75 années au Canada. Les données obtenues à partir des relevés hydrométriques sont publiées annuellement.

On peut se procurer les données sur l'écoulement sous forme de cartes perforées ou de rubans magnétiques pour traitement sur ordinateur. En s'adressant aux endroits ci-après, on peut obtenir ces données, des renseignements supplémentaires sur certaines stations particulières et divers relevés ainsi que des données récentes non encore publiées:

Chef des programmes des T.N.-O.
Direction générale des eaux intérieures
Ministère de l'Environnement
C.P. 2970
Yellowknife (T.N.-O.)
X1A 2R2
(403 920-8500)

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
502 - 1001, rue Pender ouest
Vancouver (C.-B.)
V6E 2M9
(604 666-3606)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

Hydrometric surveys in the Yukon and Northwest Territories were conducted by the Water Survey of Canada under agreement with the Department of Indian Affairs and Northern Development.

In the Northwest Territories information on water levels is available at a few locations primarily in connection with navigation as early as 1934, but it was not until 1944 that the Dominion Water and Power Bureau of the federal government started a regular hydrometric survey program. Similarly, in the Yukon Territories, some early records are available, the earliest being in 1902 on the Yukon River, collected by the navigation company, but it was not until 1944 that regular hydrometric work was started by the federal government. On April 1, 1975 by an exchange of letters the Ministers of Fisheries and the Environment and Indian Affairs and Northern Development agreed to share the cost of hydrometric survey programs for the Yukon and Northwest Territories. The agreements provide that the Water Survey of Canada will conduct the hydrometric surveys and that Co-ordinating Committees for the Yukon and Northwest Territories will review and plan the survey network.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to many organizations.

The names of these organizations are given in the Surface Water Data Reference Index and the annual Surface Water Data publications. The names of agencies who have contributed data for publication are identified herein under individual stations.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

La Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest en vertu d'un accord conclu avec le ministère des Affaires indiennes et du Nord.

Dans les Territoires du Nord-Ouest, les premiers relevés sur les niveaux d'eau, qui découlent des opérations de navigation en certains endroits, datent de 1934; le Bureau fédéral de l'eau et de l'énergie n'a entrepris son programme continu d'observations qu'en 1944. De façon analogue, c'est en 1944 que le gouvernement fédéral a mis sur pied un programme permanent de mesures au Yukon; toutefois, certains relevés antérieurs sont disponibles et les premiers datent de 1902 alors que la compagnie de navigation effectuait des lectures sur le fleuve Yukon. Le 1er avril 1975, par un échange de lettres, les Ministres des Pêches et de l'Environnement et des Affaires indiennes et du Nord ont accepté de partager le coût des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest. Selon les dispositions prises, la Division des relevés hydrologiques du Canada dirigera les relevés hydrométriques tandis que les Comités de coordination pour le Yukon et les Territoires du Nord-Ouest s'occuperont de la révision des relevés et de la planification du réseau de mesures.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable à maints organismes de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques.

On trouvera les noms des organismes dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Les noms des organismes qui ont fourni des données apparaissent dans la présente publication sous les stations particulières.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit − 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit − 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île du Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication

presented in the International System of Units (SI) and published every two years. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Paper containing sediment data incorporates a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue is a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for

pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, on avait recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenait un choix de ces données ainsi que d'autres, recueillies en 1961 avant le 30 septembre par des stations établies pour la réalisation du programme permanent. La deuxième publication portait sur les données recueillies dans le cadre du programme, au cours des années hydrologiques 1962 et 1963. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement. À partir de 1978, les données sont fournies dans le Système international d'unités (SI).

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et

New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published every two years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

EXPLANATION OF HISTORICAL STREAMFLOW SUMMARY PUBLICATION

A. General Description

Descriptive information about a gauging station is given herein below the table of monthly and annual mean discharges. This refers to such items as latitude and longitude, drainage area and whether the flow is natural or regulated (the year that regulation began is given, if known); International Gauging Stations are identified and the names of co-operating agencies who supply data are given; unusual conditions are explained under "Remarks".

This descriptive information (except the "Remarks" statement) is also given in the Surface Water Data Reference Index and the annual Surface Water Data publications. However, these two publications contain additional information not given herein such as the type of gauge, period of record and other pertinent remarks. Historical streamflow data as contained herein are published by province or region and also in alphabetical order as in the annual Surface Water Data publications. However, the Historical Streamflow Summary publications contain data for both active and discontinued streamflow stations and do not contain any water level data. These publications will be published every two years and will contain data for all streamflow stations for the entire period of record not just the data for the intervening two years.

l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

EXPLICATION DU *SOMMAIRE CHRONOLOGIQUE DE L'ÉCOULEMENT*

A. Description générale

Sous ce titre on trouve les renseignements descriptifs pour une station de relevés de l'écoulement, qui sont fournis après l'extrait des moyennes mensuelles et annuelles. Il s'agit de la latitude et de la longitude; de la superficie du bassin versant; du débit reconnu comme naturel ou régularisé (on indique l'année où la régularisation a débuté, si elle est connue); des stations internationales de jaugeage et des noms des organismes ayant fourni des données ainsi que des précisions sur les conditions spéciales qui prévalaient à la station (elles figurent dans les «Remarques»).

On trouvera également ces renseignements descriptifs (sauf les «Remarques») dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Cependant, ces dernières traitent d'information additionnelles telles que du type de jauge, de la période d'enregistrement et d'autres remarques pertinentes. Les données historiques sur l'écoulement, qui sont contenues dans la présente publication, sont subdivisées en ordre alphabétique selon les provinces ou les territoires comme pour les publications annuelles des *Données sur les eaux de surface*. Par contre, le *Sommaire chronologique de l'écoulement* contient des données non seulement de stations en opération, mais aussi de stations qui ne le sont plus; aucune donnée sur le niveau des eaux n'est toutefois fournie. Cette publication paraîtra tous les deux ans et portera sur les données de toutes les stations de relevés de l'écoulement pour toute la période d'enregistrement plutôt que sur les données qui ne couvrent que les deux années.

B. Method of Tabulation of Data

For gauging stations where systematic streamflow data have been obtained, the following are given for the period of record to 1988 inclusive:

1. Summary of monthly and annual mean discharges;
2. Annual maximum instantaneous discharges;
3. Annual maximum and minimum daily discharges;
4. Identification of the extreme recorded for the period of record;
5. Annual total discharge in cubic decametres.

The following standard symbols are used opposite the daily discharge to which they apply. These symbols will not appear opposite the monthly and annual mean discharges, but will appear with the annual maximum instantaneous value and the annual maximum and minimum daily values, if applicable:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge during that particular year. A station may have several periods of recording or manual gauges throughout its history. For more details concerning the type of gauge operated during the period of record, the *Surface Water Data Reference Index* should be consulted. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

R – Revised – indicates that a revision, correction or addition has been made to the historical discharge data base after January 1, 1987.

1. *The summary of monthly and annual mean discharge* gives:

(a) the monthly mean in cubic metres per second for each month for which there is a complete month of daily discharges. Records of daily discharges for partial months, if obtained, are published in annual publications or are available from the Regional Chief;

(b) the annual mean discharge in cubic metres per second if there are daily discharges for the complete year. In some cases a mean discharge is computed for a standard period within the year, say March to October. This is then computed for all the years for which there are daily discharge records from March to October, if there are also records for other months, say January to October, the mean is given for March to October only;

B. Présentation sous forme de tableaux des données

Pour les stations où on a effectué un relevé systématique de l'écoulement, les données suivantes sont présentées pour la période d'enregistrement allant jusqu'en 1988 inclusivement:

1. Un extrait des moyennes mensuelles et annuelles;
2. Un tableau des valeurs annuelles maximales instantanées;
3. Un tableau des valeurs quotidiennes maximale et minimale annuelles;
4. Un tableau des valeurs extrêmes enregistrées pour toute la période d'observation;
5. Un résumé de l'écoulement annuel total en décamètres cubes.

Les symboles normalisés donnés ci-après sont inscrits à côté des débits quotidiens auxquels ils se rapportent. Les symbols ne sont fournis ni avec les débits moyens mensuels, ni avec les débits moyens annuels, mais ils paraissent avec les valeurs appropriées, c'est-à-dire la valeur instantanée maximale annuelle et les valeurs quotidiennes maximale et minimale annuelles:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne quotidienne pour l'année en question. Toute station peut comporter diverses périodes où les relevés sont effectués soit à partir d'une jauge enregistreuse, soit à l'aide d'une jauge manuelle. Pour obtenir d'autres renseignements sur le genre de jauge qui a servi lors de la période d'observation, il faut consulter l'*Index de référence des données sur les eaux de surface*. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

R – Révisé – indique qu'il y a eu révision, correction ou addition à la base des données chronologiques des débits après le 1er janvier 1987.

1. *L'extrait des moyennes mensuelles et annuelles* (The summary of monthly and annual mean discharges) donne:

(a) la moyenne mensuelle, exprimée en mètres cubes par seconde, des valeurs quotidienne de l'écoulement pour le mois entier. Pour les stations où on n'a mesuré l'écoulement quotidien que pour une partie du mois, les données paraissent dans les publications annuelles ou peuvent être obtenues du chef régional;

(b) la moyenne annuelle, en mètres cubes par seconde, pour les stations où on a obtenu des relevés quotidiens pour une année entière. Dans certains cas, la moyenne est calculée pour une période bien définie de l'année, par exemple pour mars à octobre. On donne donc la moyenne annuelle des relevés quotidiens effectués pour cette même période de l'année. S'il existe des données pour une autre partie de l'année, telle que pour janvier à octobre, la moyenne n'est toujours fournie que pour la période bien définie de mars à octobre;

(c) the mean of all the monthly means;

(d) the mean of all the annual or standard period means.

2. *The annual maximum instantaneous discharge* in cubic metres per second is given for each year if available. This figure is usually available if the station is equipped with a recording gauge. It may also be estimated from high water marks or from a graph of observed water level readings during the day.

3. *The annual maximum and minimum daily discharges* in cubic metres per second are given for each year where daily discharges have been obtained for the entire year (or standard period within the year, e.g. March to October), or where they are considered to be valid for the year even though some daily discharges are missing.

4. *The extreme recorded for the period of record* is identified by an asterisk within the table of annual maximum instantaneous, maximum daily and minimum daily values.

5. *The annual total discharge* in cubic decametres is given for each year where daily discharges have been obtained for the entire year. If a standard period such as March to October has been selected, the figure applies to only those months, similar to the mean discharge in cubic metres per second.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Revisions, corrections or additions made to the discharges and water levels after January 1, 1987 are indicated by an "R" symbol in the summary publications. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

(c) la moyenne de toutes les moyennes mensuelles;

(d) la moyenne de toutes les moyennes annuelles ou de toutes les moyennes pour une période bien définie.

2. *Le tableau des valeurs annuelles maximales instantanées* (The annual maximum instantaneous discharge) exprimées en mètres cubes par seconde, est fourni pour toute année où des données sont disponibles. La majorité des stations munies de jauges enregistreuses détiennent ces données. Elles peuvent également être évaluées à partir du niveau des hautes eaux ou d'un graphique illustrant le niveau quotidien.

3. *Le tableau des valeurs quotidiennes minimale et maximale annuelles* (The annual maximum and minimum daily discharges), exprimées en mètres cubes par seconde, donne les valeurs pour les stations où on a fait des relevés quotidiens pour une année entière ou pour une période bien définie de l'année, par exemple pour mars à octobre, ou lorsqu'on considère que les valeurs sont valables pour toute l'année même si quelques débits quotidiens ne sont pas disponibles.

4. *Le tableau des valeurs extrêmes enregistrées pour toute la période d'observation* (The extreme recorded for the period of record) est indiqué par un astérisque et est compris avec les valeurs annuelles maximales instantanées et les valeurs quotidiennes minimale et maximale annuelles.

5. *Le résumé de l'écoulement annuel total* (The annual total discharge), en décamètres cubes, est indiqué pour les stations où on a fait des relevés quotidiens pour une année entière. Si on a choisi une période bien définie de l'année, par exemple de mars à octobre, la valeur n'a trait qu'à ces mois, tout comme la moyenne mensuelle, en mètres cubes par seconde.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées aux débits et aux niveaux d'eau après le 1er janvier 1987 sont accompagnées du symbole «R» dans les publications sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

YUKON TERRITORY

AISHIHIK RIVER BELOW AISHIHIK LAKE - STATION NO. 09AA010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	9.48	7.68	9.63	---	1980
1981	8.83	7.35	7.66	8.28	8.38	8.38	7.01	8.71	8.25	8.05	8.26	7.86	8.46	1981
1982	10.8	14.0	9.66	8.66	8.48	8.26	5.89	4.06	4.27	7.12	9.27	8.86	7.33	1982
1983	4.86	3.33	3.32	3.30	3.48	3.83	4.12	4.17	3.87	8.08	3.88	8.04	4.20	1983
1984	7.86	4.71	3.93	3.08	3.86	4.30	4.77	4.70	8.08	8.79	4.80	8.89	8.13	1984
1985	8.44	10.8	13.8	17.8	20.8	10.7	11.8	8.78	8.07	8.85	7.21	8.17	11.0	1985
1986	7.88	8.80	8.84	8.08	4.58	11.8	18.4	18.8	18.8	8.83	11.8	13.0	11.2	1986
1987	13.4	14.2	16.7	12.4	11.8	10.8	2.78	3.27	3.04	4.08	8.30	13.2	8.48	1987
1988	13.3	14.4	11.1	12.5	8.80	3.72	10.0	34.8	18.8	10.8	12.8	12.2	13.8	1988
MEAN	8.42	8.80	8.86	8.22	8.88	7.08	7.88	10.3	7.92	8.44	7.89	8.80	8.83	MEAN

LOCATION - LAT 61 11 04 N
LONG 136 58 24 W

DRAINAGE AREA, 2 880 km²
REGULATED SINCE 1974

AISHIHIK RIVER BELOW AISHIHIK LAKE - STATION NO. 09AA010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	---	---	---	---	1980
1981	20.3 AT 08:13 YST ON JAN 20	12.3 E ON JAN 1	3.41 ON MAY 27	204 000	1981
1982	---	14.8 B ON JAN 25	3.37 ON JUN 28	231 000	1982
1983	7.85 AT 23:54 YST ON OCT 10	7.57 ON OCT 8	1.85 B ON MAY 1	133 000	1983
1984	11.7 AT 11:54 YST ON OCT 11	11.5 ON OCT 10	2.76 ON APR 28	162 000	1984
1985	25.0 AT 01:31 YST ON MAY 25	23.8 ON MAY 24	5.40 B ON NOV 5	348 000	1985
1986	25.7 AT 03:40 YST ON JUL 23	25.6 ON JUL 23	2.44 ON MAY 8	352 000	1986
1987	24.8 AT 18:41 YST ON JUN 2	24.5 ON JUN 2	2.43 ON AUG 28	288 000	1987
1988	77.8 AT 01:30 YST ON AUG 10 *	76.8 ON AUG 8 *	0.476 ON JUN 28 *	428 000	1988
				289 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

AISHIHIK RIVER NEAR WHITEHORSE - STATION NO. 09AA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	34.2	18.0	---	11.5	7.82	6.73	3.51	---	1950
1951	3.23	2.81	2.48	3.40	5.54	12.0	17.2	8.86	8.15	6.37	4.44	4.08	8.85	1951
1952	3.57	3.18	2.48	2.27	7.84	27.2	15.8	15.3	14.8	11.8	8.48	8.12	10.2	1952
1953	4.31	3.48	3.30	4.04	18.1	22.0	24.7	22.4	28.8	18.5	13.4	8.28	14.1	1953
1954	5.80	4.88	4.43	3.88	23.5	28.8	36.0	28.1	23.8	19.7	12.2	7.18	18.8	1954
1955	5.21	8.17	8.70	8.43	14.3	38.2	33.2	28.7	20.8	15.7	8.88	8.82	15.7	1955
1956	4.28	4.20	4.17	7.11	16.4	27.6	26.0	16.8	15.6	11.8	8.95	8.02	12.8	1956
1957	4.12	3.80	3.82	8.18	25.1	43.1	28.8	23.7	20.0	16.4	11.1	7.48	18.2	1957
1958	8.78	8.41	8.23	4.78	11.3	12.8	8.18	7.08	8.84	8.74	4.88	4.40	7.08	1958
1959	3.70	3.08	2.88	2.88	20.7	38.2	24.8	25.0	28.8	22.1	14.8	---	---	1959
1960	---	---	---	---	28.8	33.1	30.7	28.8	24.7	18.8	12.1	8.80	---	1960
1961	7.88	8.88	8.00	8.88	18.2	31.4	20.3	18.0	12.8	10.1	8.81	4.87	12.2	1961
1962	3.88	3.11	2.81	2.81	14.8	70.8	42.1	32.8	24.8	18.0	13.8	7.81	18.8	1962
1963	8.80	8.23	8.88	8.38	31.0	80.1	88.3	41.7	34.2	25.2	18.3	10.8	28.2	1963
1964	7.85	8.28	8.18	4.84	13.8	80.1	33.8	36.4	30.2	21.1	11.3	8.88	18.7	1964
1965	8.30	8.03	8.73	8.08	18.1	22.8	18.7	12.7	11.8	11.8	7.18	8.83	11.0	1965
1966	4.34	3.48	3.43	8.23	8.28	40.8	26.8	22.3	18.8	14.0	8.32	7.18	13.8	1966
1967	8.84	4.83	3.80	4.38	22.8	88.4	42.4	38.0	31.1	20.2	14.8	7.18	20.8	1967
1968	8.83	8.48	8.81	8.87	28.4	18.8	28.4	28.7	28.3	18.8	18.3	11.8	17.0	1968
1969	8.00	4.38	4.88	8.88	20.8	24.8	18.8	28.3	32.3	24.2	11.4	10.3	18.7	1969
1970	4.88	3.10	3.00	3.48	14.8	20.7	17.1	12.2	12.4	8.88	8.38	4.81	8.34	1970
1971	4.14	3.82	2.82	2.70	8.82	27.2	14.1	13.4	12.4	8.85	8.18	4.83	8.12	1971
1972	3.86	3.85	3.00	2.86	17.1	34.2	26.8	27.2	18.8	14.8	8.74	8.40	14.0	1972
1973	4.80	4.83	4.05	4.21	12.1	26.7	26.8	28.4	26.8	18.7	10.8	8.48	16.2	1973
1974	8.71	8.81	4.58	4.38	17.2	23.7	16.3	13.7	12.4	4.82	3.48	3.18	8.87	1974
1975	3.27	2.88	2.36	2.84	15.4	27.3	33.0	43.4	80.4	31.3	13.0	10.8	30.8	1975
1976	10.1	8.16	8.84	4.14	12.7	44.0	87.8	28.8	8.08	8.14	7.83	8.83	17.2	1976
1977	8.86	8.80	10.2	11.2	13.4	31.1	22.4	15.8	14.1	13.2	13.8	14.2	14.7	1977
1978	13.8	12.0	10.8	8.84	14.7	22.7	16.8	14.7	11.2	8.86	10.8	12.8	13.0	1978
1979	16.0	12.8	12.0	11.8	20.7	28.2	14.8	11.8	16.2	11.8	10.8	8.81	14.8	1979
1980	8.88	10.8	11.1	7.83	13.3	17.4	12.0	11.6	11.8	10.0	8.18	13.8	11.8	1980
1981	7.08	8.70	8.73	7.22	20.8	18.8	12.8	10.3	12.8	13.2	8.82	8.82	11.3	1981
1982	12.8	8.88	8.07	7.87	20.1	35.8	11.4	13.2	8.88	8.08	8.08	8.84	12.8	1982
1983	8.88	4.23	3.48	3.21	12.8	18.2	14.8	12.8	12.2	8.07	7.88	8.41	8.48	1983
1984	8.31	4.81	3.80	3.78	---	---	18.7	10.8	11.8	7.83	8.88	10.1	---	1984
1985	8.18	8.07	8.80	8.71	33.8	31.7	28.4	14.4	12.8	8.27	7.74	8.08	14.8	1985
1986	7.22	10.1	8.88	8.88	13.8	38.3	41.8	36.8	33.3	7.37	13.3	14.8	18.3	1986
MEAN	8.80	8.80	8.36	8.37	17.1	31.8	28.8	21.3	18.8	14.0	8.82	8.18	14.3	MEAN

LOCATION - LAT 60 51 40 N
LONG 137 03 40 W

DRAINAGE AREA, 4 300 km²
REGULATED SINCE 1974

YUKON TERRITORY

AISHIHIK RIVER NEAR WHITEHORSE - STATION NO. 09AA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	58.8 ON JUN 10	---	210 000	1951
1952	---	70.2 ON JUL 3	2.448 ON MAR 12	324 000	1952
1953	---	44.5 ON JUN 18	2.248 ON MAR 20	444 000	1953
1954	---	42.5 ON MAY 24	2.695 ON MAR 22	521 000	1954
		79.9 ON JUL 10	3.859 ON APR 24		
1955	---	61.2 ON JUN 22	4.488 ON DEC 31	495 000	1955
1956	---	66.3 ON JUN 28	4.138 ON MAR 26	398 000	1956
1957	---	73.9 ON JUN 4	3.648 ON MAR 16	510 000	1957
1958	---	27.7 ON MAY 24	4.118 ON DEC 31	222 000	1958
1959	---	59.5 ON JUN 12	2.618 ON MAR 12	---	1959
1960	---	83.4 ON MAY 25	---	---	1960
1961	---	72.5 ON JUN 27	4.678 ON DEC 1	383 000	1961
1962	---	143 E ON JUN 20 *	2.618 ON MAR 1	628 000	1962
1963	---	87.8 ON JUL 11	5.388 ON APR 1	795 000	1963
1964	---	112 ON JUN 4	4.538 ON APR 3	623 000	1964
1965	---	48.4 ON MAY 31	4.988 ON DEC 31	348 000	1965
1966	---	94.0 ON JUN 20	2.948 ON MAR 18	438 000	1966
1967	---	104 ON MAY 31	3.808 ON MAR 28	858 000	1967
1968	---	137 ON MAY 22	4.598 ON MAR 17	537 000	1968
1969	78.3 AT 22:00 YST ON MAY 25	88.4 ON MAY 25	3.618 ON MAR 17	498 000	1969
1970	28.7 AT 02:28 YST ON JUN 8	28.6 ON JUN 8	2.898 ON MAR 3	285 000	1970
1971	58.3 AT 23:48 YST ON JUN 9	50.7 ON JUN 10	2.388 ON APR 10	288 000	1971
1972	52.6 AT 01:30 YST ON MAY 31	32.1 ON MAY 31	2.888 ON APR 3	464 000	1972
1973	75.0 AT 01:00 YST ON JUN 21	64.0 ON JUN 21	3.608 ON MAR 22	479 000	1973
1974	51.6 AT 00:55 YST ON JUN 1	47.0 ON JUN 1	2.978 ON DEC 17	302 000	1974
1975	81.8 AT 18:30 YST ON SEP 15	80.4 ON SEP 15	2.258 ON MAR 5	648 000	1975
1976	113 ON JUL 11 *	88.7 ON JUL 12	3.238 ON APR 3	543 000	1976
1977	82.4 AT 00:20 YST ON JUN 3	74.2 ON JUN 3	5.668 ON DEC 24	485 000	1977
1978	58.8 AT 23:53 YST ON JUN 4	35.4 ON JUN 7	3.628 ON DEC 2	411 000	1978
1979	84.0 AT 02:05 YST ON JUN 23	59.5 ON JUN 23	7.458 ON DEC 28	480 000	1979
1980	45.2 AT 01:15 YST ON JUN 7	40.5 ON JUN 7	5.248 ON APR 2	384 000	1980
1981	39.7 AT 04:39 YST ON MAY 28	36.5 ON MAY 28	4.338 ON DEC 25	357 000	1981
1982	74.5 AT 16:00 YST ON JUN 8	71.8 ON JUN 8	4.008 ON APR 10	408 000	1982
1983	74.5 AT 22:13 YST ON MAY 31	59.8 ON MAY 31	2.018 ON APR 3 *	300 000	1983
1984	52.8 AT 15:07 YST ON JUN 30	49.0 ON JUN 30	3.558 ON APR 3	---	1984
1985	78.4 AT 23:42 YST ON JUN 4	74.1 ON JUN 5	5.408 ON APR 4	471 000	1985
1986	---	68.0E ON JUL 30	3.158 ON MAY 7	808 000	1986
				450 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ALSEK RIVER ABOVE BATES RIVER - STATION NO. 09AB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	553	483	---	---	---	---	1974
1975	32.2	30.2	29.2	36.8	151	382	868	519	401	177	39.0	33.9	225	1975
1976	32.3	29.4	28.2	26.1	---	---	---	---	---	---	52.9	52.1	---	1976
1977	44.5	42.4	41.9	50.4	115	437	717	880	288	87.1	47.8	38.7	234	1977
1978	32.7	28.9	28.9	41.5	115	318	545	575	251	104	54.9	45.1	180	1978
1979	36.9	30.5	34.5	45.5	128	375	708	585	389	171	89.7	58.7	232	1979
1980	36.6	30.8	27.6	37.7	130	446	837	495	205	128	61.0	38.6	190	1980
1981	37.1	39.3	40.3	41.3	207	361	828	529	259	161	73.5	40.1	211	1981
1982	26.3	22.8	27.0	36.7	88.1	413	632	557	287	104	55.0	44.0	190	1982
1983	35.7	34.0	32.4	36.8	111	486	---	---	289	145	73.8	46.4	---	1983
1984	33.7	34.8	41.4	58.9	104	384	613	594	228	88.8	38.5	32.8	178	1984
1985	28.7	37.1	41.7	48.4	135	285	704	580	288	74.8	48.1	35.3	191	1985
1986	25.8	20.8	21.5	23.1	103	421	833	540	282	119	52.8	52.8	208	1986
1987	38.0	29.2	30.5	39.3	97.8	388	844	575	321	185	86.8	42.3	201	1987
1988	39.5	37.8	38.5	44.4	187	501	902	579	318	189	72.8	55.8	257	1988
MEAN	34.6	32.0	33.0	40.4	128	394	693	604	302	131	58.3	43.9	208	MEAN

LOCATION - LAT 60 07 08 N
LONG 137 58 27 W
DRAINAGE AREA, 18 200 km^2
NATURAL FLOW

ALSEK RIVER ABOVE BATES RIVER - STATION NO. 08AB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	1 210 AT 20:30 YST ON JUL 13	1 130 ON JUL 13	26.38 ON MAR 5	7 080 000	1975
1976	---	---	---	---	1976
1977	1 100 AT 17:52 YST ON AUG 21	1 080 ON AUG 22	37.48 ON DEC 10	7 380 000	1977
1978	810 AT 22:02 YST ON AUG 3	784 ON AUG 3	26.28 ON MAR 27	5 870 000	1978
1979	836 AT 18:22 YST ON JUL 28	813 ON JUL 22	28.38 ON FEB 12	7 280 000	1979
1980	721 AT 20:58 YST ON JUL 13	702 ON JUL 23	23.48 ON APR 5	8 030 000	1980
1981	1 120 AT 18:48 YST ON AUG 9	1 080 ON AUG 10	31.08 ON DEC 31	8 670 000	1981
1982	924 AT 11:27 YST ON JUL 31	897 ON JUL 31	16.88 ON FEB 12 *	6 000 000	1982
1983	---	---	31.08 ON MAR 4	---	1983
1984	848 AT 17:52 YST ON AUG 9	828 ON AUG 9	31.08 ON DEC 31	8 840 000	1984
1985	885 AT 20:48 YST ON JUL 20	862 ON JUL 21	28.58 ON JAN 20	8 030 000	1985
1986	1 100 AT 19:00 YST ON JUL 20	1 070 ON JUL 18	20.08 ON FEB 15	8 560 000	1986
1987	854 AT 18:46 YST ON JUL 28	832 ON JUL 28	27.08 ON MAR 1	8 350 000	1987
1988	1 410 AT 20:08 YST ON JUL 18 *	1 350 ON JUL 18 *	32.08 ON APR 9	8 140 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		6 570 000	MEAN

BABBAGE RIVER BELOW CARIBOU CREEK - STATION NO. 10MD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	8.34	1.87	---	---	---	1976
1977	---	---	---	---	---	---	---	8.87	8.80	---	---	---	---	1977
1978	0	0	0	0	0.121	84.3	17.8	8.67	10.7	3.78	0.020	0	11.1	1978
1979	0	0	0	0	8.22	37.7	8.78	28.8	23.8	4.88	0.023	0	8.30	1979
1980	0	0	0	0	0.372	22.4	2.15	13.6	4.25	0.720	0.152	0	3.82	1980
1981	0	0	0	0	16.3	32.9	28.3	53.4	8.18	4.72	1.58	0	12.4	1981
1982	0	0	0	0	1.48	80.7	21.8	15.0	22.7	4.82	0	0	13.0	1982
1983	0	0	0	0	10.1	84.5	20.8	18.2	33.1	4.74	0.823	0	15.1	1983
1984	0	0	0	0	8.21	80.4	28.0	25.6	11.9	3.13	0.583	0	11.8	1984
1985	0	0	0	0	2.48	83.8	20.5	5.54	4.81	1.03	0.188	0	8.14	1985
1986	0	0	0	0	3.37	80.0	14.7	31.7	30.8	5.14	1.05	0.008	13.8	1986
1987	0	0	0	0	48.1	78.0	18.8	41.8	32.6	4.78	0.833	0.072	18.1	1987
1988	0	0	0	0.024	10.7	---	---	24.4	8.77	1.18	0.383	0.052	---	1988
MEAN	0	0	0	0.002	9.88	85.8	18.5	22.8	18.0	3.41	0.478	0.012	11.7	MEAN

LOCATION - LAT 68 50 22 N, LONG 138 40 05 W. DRAINAGE AREA, 1 510 km^2. NATURAL FLOW

BABBAGE RIVER BELOW CARIBOU CREEK - STATION NO. 10MD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	880 AT 00:00 MST ON JUN 7 *	536 A ON JUN 8 *	08 ON JAN 1 *	348 000	1978
1979	368 AT 08:00 MST ON AUG 26	305 ON AUG 28	08 ON JAN 1	293 000	1979
1980	---	110 B ON JUN 11	08 ON JAN 1	114 000	1980
1981	287 AT 14:20 MST ON AUG 22	248 ON AUG 22	08 ON JAN 1	381 000	1981
1982	317 AT 00:38 MST ON JUN 14	234 ON JUN 14	08 ON JAN 1	410 000	1982
1983	185 AT 22:02 MST ON JUN 14	140 ON JUN 14	08 ON JAN 1	477 000	1983
1984	---	150 B ON JUN 5	08 ON JAN 1	383 000	1984
1985	---	182 E ON JUN 2	08 ON JAN 1	256 000	1985
1986	---	199 B ON JUN 4	08 ON JAN 1	437 000	1986
1987	---	225 B ON MAY 29	08 ON JAN 1	801 000	1987
1988	---	84.8 ON AUG 13	08 ON JAN 1	---	1988
	A - MANUAL GAUGE (SEE REFERENCE INDEX)	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD	389 000	MEAN

BEAVER RIVER BELOW WHITEFISH RIVER - STATION NO. 10BD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	66.5	43.8	28.4	17.0	---	1977
1978	14.8	13.8	13.4	42.3	144	81.1	148	92.8	51.0	83.3	34.7	26.1	58.2	1978
1979	16.8	12.4	12.8	71.0	301	193	126	87.0	68.4	36.8	22.0	16.5	78.2	1979
1980	16.4	15.1	14.8	40.7	118	80.7	124	82.1	92.4	84.7	48.4	24.9	60.2	1980
1981	18.8	15.0	14.4	14.7	88.1	102	40.8	28.8	46.0	35.2	28.6	17.3	37.8	1981
1982	19.8	12.2	12.1	16.8	126	117	40.1	91.8	64.0	30.7	20.7	17.0	45.1	1982
1983	15.3	14.0	14.8	27.8	148	84.4	57.8	83.1	29.9	28.8	20.4	14.4	44.2	1983
1984	8.03	8.78	12.3	18.8	84.3	105	87.1	56.7	47.8	30.1	15.7	13.9	41.7	1984
1985	12.6	12.1	12.6	13.4	201	98.9	81.4	55.2	76.7	49.8	28.5	18.8	58.3	1985
1986	17.1	16.5	17.4	20.8	118	128	184	84.8	58.4	86.0	30.6	21.9	64.0	1986
1987	16.7	15.0	15.1	21.2	181	158	144	104	73.4	54.5	34.1	25.3	71.4	1987
1988	18.3	17.1	15.7	38.3	280	148	240	128	84.3	58.1	34.0	27.9	89.8	1988
MEAN	15.0	13.8	14.1	28.7	155	117	117	76.5	60.2	48.7	28.3	20.2	59.0	MEAN

LOCATION - LAT 60 07 52 N, LONG 124 53 21 W. DRAINAGE AREA, 7 280 km^2. NATURAL FLOW

BEAVER RIVER BELOW WHITEFISH RIVER - STATION NO. 10BD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	---	783E ON JUL 2 *	12.0 B ON MAR 2	1 870 000	1978
1979	814 AT 09:11 YST ON MAY 27	580 ON MAY 27	11.8 B ON FEB 23	2 500 000	1979
1980	320 AT 13:05 YST ON JUL 18	289 ON JUL 18	13.8 B ON JAN 11	1 800 000	1980
1981	267 AT 23:00 YST ON MAY 27	242 ON MAY 28	12.0 B ON DEC 31	1 190 000	1981
1982	308 AT 07:08 YST ON AUG 12	283 ON AUG 12	8.50E ON JAN 23	1 420 000	1982
1983	---	282E ON MAY 31	13.2 B ON FEB 18	1 380 000	1983
1984	234 AT 18:38 YST ON JUN 21	214 ON JUN 21	7.88B ON JAN 25 *	1 320 000	1984
1985	518 AT 09:28 YST ON MAY 21	488 ON MAY 21	11.4 B ON FEB 12	1 770 000	1985
1986	784 AT 07:39 PST ON JUL 3 *	688 ON JUL 3	15.6 B ON FEB 19	2 020 000	1986
1987	527 AT 10:34 PST ON JUL 15	490 ON JUL 16	13.6 B ON MAR 4	2 250 000	1987
1988	702 AT 22:32 YST ON JUL 1	610 ON JUL 2	15.1 B ON APR 3	2 840 000	1988
				1 880 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG CREEK NEAR THE MOUTH - STATION NO. 09AH003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	19.8	4.83	2.18	0.808	0.118	---	1974
1975	0.058	0.083	0.148	0.443	37.3	14.8	23.9	23.1	13.6	4.06	0.423	0.189	9.88	1975
1976	0.121	0.081	0.082	0.400	23.4	25.7	42.5	5.84	2.82	1.88	0.758	0.256	8.72	1976
1977	0.224	0.201	0.152	0.512	17.8	17.9	15.8	3.92	4.28	2.78	0.886	0.087	5.38	1977
1978	0.048	0.028	0.023	0.033	7.04	20.8	40.1	23.4	7.72	4.81	1.77	0.835	8.85	1978
1979	0.342	0.135	0.123	0.178	18.0	18.4	18.8	12.0	10.3	3.48	1.07	0.385	7.05	1979
1980	0.152	0.187	0.184	0.304	7.80	4.70	18.8	11.0	22.1	7.86	0.781	0.188	5.88	1980
1981	0.175	0.188	0.173	0.225	12.8	4.72	18.4	14.0	5.88	4.80	1.81	0.432	5.35	1981
1982	0.153	0.135	0.140	0.218	24.0	20.1	4.88	18.0	2.73	1.81	0.890	0.298	8.00	1982
1983	0.125	0.088	0.080	0.084	8.49	21.3	17.9	27.3	8.89	3.27	0.426	0.028	7.38	1983
1984	0.008	0.008	0.012	0.124	---	---	19.8	4.28	13.8	2.58	0.375	0.073	---	1984
1985	0.030	0.020	0.045	0.088	25.8	23.4	20.1	11.7	10.8	3.48	1.34	0.758	8.21	1985
1986	0.498	0.288	0.111	0.082	21.8	18.4	17.2	16.8	8.28	3.51	0.888	0.898	8.88	1986
1987	0.412	0.207	0.081	0.884	28.8	18.8	7.01	12.0	7.78	3.28	1.04	0.433	8.88	1987
1988	0.182	0.187	0.211	0.488	28.7	11.0	23.0	15.7	8.14	3.20	1.88	0.788	7.80	1988
MEAN	0.181	0.128	0.108	0.272	18.8	18.8	20.5	14.1	8.73	3.51	0.938	0.348	7.24	MEAN

LOCATION - LAT 62 34 07 N
LONG 137 00 58 W
DRAINAGE AREA, 1 780 km^2
NATURAL FLOW

BIG CREEK NEAR THE MOUTH - STATION NO. 09AH003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	147 B ON MAY 11	0.037B ON FEB 13	314 000	1975
1976	218 AT 10:20 YST ON JUL 15 *	208 ON JUL 15 *	0.057B ON MAR 18	276 000	1976
1977	48.6 AT 21:44 YST ON JUN 8	40.8 ON JUL 4	0.048B ON DEC 8	170 000	1977
1978	193 AT 14:25 YST ON JUL 14	175 ON JUL 14	0.020B ON APR 4	262 000	1978
1979	87.4 AT 18:30 YST ON JUN 23	85.9 ON JUN 23	0.067B ON FEB 13	222 000	1979
1980	108 AT 18:20 YST ON SEP 18	81.2 ON SEP 18	0.083B ON JAN 27	188 000	1980
1981	73.8 AT 02:10 YST ON JUL 4	62.3 ON JUL 4	0.161B ON MAR 8	188 000	1981
1982	121 AT 20:58 YST ON AUG 1	78.1 ON AUG 2	0.103B ON FEB 28	188 000	1982
1983	138 AT 16:27 YST ON JUN 3	113 ON JUN 3	0.003B ON DEC 30 *	233 000	1983
1984	82.8 AT 13:30 YST ON JUN 28	68.4 ON JUN 28	0.004B ON JAN 1	---	1984
1985	---	80.0E ON MAY 19	0.014B ON FEB 22	259 000	1985
1986	137 AT 06:26 YST ON JUL 28	117 ON JUL 28	0.039B ON APR 13	220 000	1986
1987	132 AT 18:05 YST ON JUN 5	108 ON JUN 5	0.033B ON MAR 5	208 000	1987
1988	88.6 AT 09:25 YST ON MAY 10	84.5 ON MAY 9	0.150B ON FEB 4	237 000	1988
				226 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG SALMON RIVER NEAR CARMACKS - STATION NO. 09AG001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	105	137	109	135	---	---	---	1953
1954	---	---	---	---	---	---	---	---	88.4	88.8	---	---	---	1954
1955	---	---	---	---	---	---	188	108	81.2	63.2	31.8	23.7	---	1955
1956	18.0	15.5	14.7	15.2	63.7	133	99.1	81.8	68.3	---	---	---	---	1956
1957	14.3	14.8	14.3	13.5	132	---	---	86.6	68.3	45.1	---	---	---	1957
1958	---	---	---	---	---	---	82.8	80.2	47.6	---	---	---	---	1958
1962	24.8	23.1	20.4	18.7	84.5	284	195	122	118	82.3	57.8	---	---	1962
1963	---	---	---	---	---	---	---	---	---	81.0	66.5	48.3	39.7	---	1963
1964	28.0	19.1	16.8	20.2	48.3	378	188	136	107	77.3	54.1	28.3	89.3	1964
1965	22.4	19.0	16.8	16.6	83.3	187	145	74.3	82.6	72.8	38.0	21.8	63.5	1965
1966	17.8	16.8	16.0	15.7	41.6	238	148	88.2	68.7	48.6	28.6	24.0	61.5	1966
1967	20.4	17.4	15.1	14.2	77.7	384	171	115	84.1	73.4	38.3	23.1	85.4	1967
1968	21.2	18.8	18.0	17.0	81.2	170	141	108	108	72.8	48.8	30.3	70.6	1968
1969	18.2	18.7	18.3	17.5	78.1	184	124	116	121	71.7	32.2	28.0	70.0	1969
1970	18.0	17.8	18.7	18.2	83.8	147	133	81.5	82.4	88.4	37.8	25.0	80.3	1970
1971	19.8	19.1	13.5	12.3	86.6	242	114	78.1	88.2	82.8	38.8	33.4	83.3	1971
1972	18.1	18.1	11.7	12.3	80.7	269	116	84.6	78.8	84.0	38.5	23.8	87.8	1972
1973	17.7	18.2	16.0	17.5	78.1	203	178	113	89.0	80.1	30.7	17.3	88.7	1973
1974	14.8	14.8	13.3	17.2	83.1	181	118	132	88.7	89.6	34.8	24.4	85.3	1974
1975	18.5	18.5	15.7	16.5	72.0	188	181	84.1	121	80.7	38.5	23.8	73.8	1975
1976	22.3	18.7	18.0	16.8	83.3	214	155	73.1	47.7	32.8	22.9	20.2	88.8	1976
1977	17.9	16.7	15.1	16.4	87.7	211	158	86.3	77.4	43.1	21.7	19.0	82.0	1977
1978	20.2	15.8	14.1	16.1	82.3	189	90.4	83.8	84.1	47.8	40.8	26.8	82.7	1978
1979	17.8	16.1	16.8	17.7	85.8	251	200	88.5	88.1	47.2	34.8	27.0	70.4	1979
1980	20.8	18.8	18.5	17.4	73.7	188	125	107	80.7	78.9	48.2	28.1	85.8	1980
1981	24.0	21.5	20.0	17.5	101	151	121	88.1	81.1	83.2	44.7	28.3	81.9	1981
1982	18.8	15.7	15.0	16.4	48.0	185	101	87.8	83.1	55.5	30.8	28.4	63.4	1982
1983	20.5	15.1	12.8	14.3	83.4	238	128	88.5	81.8	82.7	33.1	22.8	88.4	1983
1984	18.2	18.0	18.1	20.1	72.2	188	117	85.8	86.7	66.4	30.0	21.3	89.3	1984
1985	18.0	17.7	17.1	15.4	84.6	218	218	128	101	88.8	37.0	25.0	77.8	1985
1986	22.2	20.2	17.5	17.1	86.2	226	225	180	143	123	89.7	33.7	82.2	1986
1987	22.7	18.7	17.7	18.8	73.2	180	142	80.4	78.8	87.8	37.8	26.5	83.8	1987
1988	22.0	18.7	18.0	22.6	88.5	200	201	114	78.7	71.0	36.3	28.0	73.2	1988
MEAN	19.8	17.8	16.4	16.9	72.1	212	148	97.0	84.2	84.0	37.3	25.3	87.8	MEAN

LOCATION - LAT 61 52 22 N
LONG 134 50 00 W

DRAINAGE AREA, 6 780 km²
NATURAL FLOW

BIG SALMON RIVER NEAR CARMACKS - STATION NO. 09AG001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	264 AT 12:00 YST ON JUL 1	258 ON JUL 1	---	---	1953
1954	---	---	---	---	1954
1955	272 AT 17:00 YST ON JUL 3	264 ON JUL 4	---	---	1955
1956	188 AT 17:30 YST ON JUN 20	184 ON JUN 20	14.4B ON MAR 13	---	1956
1957	314 AT 21:00 YST ON MAY 23	300 ON MAY 23	13.3B ON APR 4	---	1957
1958	---	---	---	---	1958
1962	685 AT 12:15 YST ON JUN 23 *	671 ON JUN 23 *	17.0B ON MAY 1	---	1962
1963	---	---	---	---	1963
1964	581 AT 07:00 YST ON JUN 12	552 ON JUN 11	18.4B ON MAR 8	2 830 000	1964
1965	267 AT 15:00 YST ON MAY 31	248 ON MAY 31	15.7B ON MAR 18	2 000 000	1965
1966	334 AT 02:00 YST ON JUL 8	308 ON JUN 12	15.4B ON APR 27	1 840 000	1966
1967	458 AT 07:00 YST ON JUN 23	458 ON JUN 23	14.2B ON APR 9	2 680 000	1967
1968	311 AT 20:00 YST ON MAY 22	271 ON MAY 22	15.4B ON APR 15	2 230 000	1968
1969	334 AT 15:00 YST ON JUN 11	314 ON JUN 11	15.4B ON APR 12	2 210 000	1969
1970	394 AT 07:38 YST ON JUL 22	382 ON JUL 22	15.1B ON FEB 17	1 900 000	1970
1971	371 AT 20:48 YST ON JUN 21	360 ON JUN 21	12.1B ON MAR 27	1 870 000	1971
1972	---	462E ON MAY 31	11.0B ON APR 2 *	2 140 000	1972
1973	309 AT 19:15 YST ON JUN 15	294 ON JUN 15	14.3B ON FEB 13	2 170 000	1973
1974	---	268E ON JUN 6	12.5B ON MAR 9	2 060 000	1974
1975	331 AT 19:10 YST ON JUN 20	314 ON JUN 20	14.8B ON MAR 17	2 320 000	1975
1976	292 AT 02:55 YST ON JUL 2	281 ON JUL 2	16.0B ON APR 19	1 860 000	1976
1977	274 AT 16:19 YST ON JUN 14	264 ON JUN 14	15.3B ON MAR 23	1 850 000	1977
1978	306 AT 22:20 YST ON JUN 8	287 ON JUN 9	13.0B ON APR 5	1 880 000	1978
1979	331 AT 17:27 YST ON JUN 25	326 ON JUN 25	15.7B ON FEB 9	2 220 000	1979
1980	313 AT 17:59 YST ON JUN 7	302 ON JUN 8	15.8B ON MAR 18	2 070 000	1980
1981	282 AT 17:46 YST ON MAY 28	269 ON MAY 28	15.1B ON APR 13	1 850 000	1981
1982	386 AT 20:35 YST ON JUN 8	352 ON JUN 8	14.0B ON FEB 27	1 680 000	1982
1983	537 AT 08:31 YST ON JUN 2	513 ON JUN 2	12.3B ON MAR 25	2 150 000	1983
1984	268 AT 19:04 YST ON JUN 13	249 ON JUN 13	14.8B ON JAN 27	1 870 000	1984
1985	405 AT 03:03 YST ON JUN 5	386 ON JUN 5	14.8B ON APR 17	2 450 000	1985
1986	380 AT 16:07 YST ON JUL 3	355 ON JUL 3	15.8B ON MAR 30	2 610 000	1986
1987	360 AT 14:02 PST ON JUN 1	343 ON JUN 1	15.7B ON MAR 4	2 010 000	1987
1988	384 AT 18:18 YST ON JUL 15	344 ON JUL 15	15.0B ON FEB 15	2 310 000	1988
				2 140 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON TERRITORY

BLACKSTONE RIVER NEAR CHAPMAN LAKE AIRSTRIP - STATION NO. 10MA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	0.172	0.100	0.088	0.174	14.6	29.8	21.1	13.6	7.80	2.81	0.858	0.180	7.89	1984
1985	0.087	0.030	0.018	0.012	7.31	31.0	24.9	14.7	13.9	4.88	1.44	0.178	9.88	1985
1986	0.128	0.144	0.156	0.168	1.20	34.6	23.4	28.6	10.3	2.86	0.282	0.108	8.84	1986
1987	0.180	0.123	0.085	0.088	29.8	34.1	19.0	26.5	14.5	4.82	0.348	0.180	10.9	1987
1988	0.122	0.118	0.121	0.257	29.8	38.2	24.7	29.3	18.2	3.00	1.88	0.954	12.1	1988
MEAN	0.130	0.102	0.092	0.140	18.6	37.6	22.8	22.5	12.6	3.59	0.817	0.313	9.80	MEAN

LOCATION - LAT 64 52 03 N
LONG 138 17 14 W
DRAINAGE AREA, 1 130 km²
NATURAL FLOW

BLACKSTONE RIVER NEAR CHAPMAN LAKE AIRSTRIP - STATION NO. 10MA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1984	71.6 AT 10:41 YST ON JUN 9	68.2 ON JUN 9	0.0888 ON FEB 26	248 000	1984
1985	148 AT 09:37 YST ON JUN 8 *	131 ON JUN 8 *	0.0108 ON APR 21 *	311 000	1985
1986	110 AT 09:41 YST ON JUN 8	101 ON JUN 8	0.1018 ON DEC 10	288 000	1986
1987	118 AT 21:40 YST ON MAY 31	88.5 ON MAY 31	0.0888 ON MAR 15	343 000	1987
1988	76.6 AT 18:38 YST ON MAY 30	67.1 ON MAY 30	0.1108 ON MAR 31	382 000	1988
				309 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BONNEY PLUME RIVER ABOVE GILLESPIE CREEK - STATION NO. 10MB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	5.37	4.81	4.67	5.07	130	171	134	88.4	78.4	35.8	18.7	8.88	58.1	1981
1982	4.35	3.88	3.58	3.30	88.6	187	121	85.4	34.4	18.1	11.8	7.88	46.8	1982
1983	5.80	5.25	5.03	5.52	38.3	182	80.6	87.1	84.8	27.8	18.0	8.81	43.4	1983
1984	4.83	4.07	5.11	7.04	---	---	127	88.8	38.3	13.2	10.8	8.88	---	1984
1985	7.43	5.82	4.84	4.81	30.4	185	112	81.0	---	---	---	---	---	1985
1986	6.04	5.88	4.85	4.85	35.4	286	164	129	65.8	23.2	12.8	8.38	58.1	1986
1987	5.78	5.42	4.08	4.22	83.8	---	---	---	88.4	72.5	28.7	9.76	---	1987
1988	6.81	7.89	6.18	6.22	87.6	214	107	85.0	80.8	48.5	28.4	18.0	59.1	1988
MEAN	5.09	5.33	4.80	5.09	68.1	202	118	84.7	61.8	34.1	18.0	10.3	52.7	MEAN

LOCATION - LAT 64 44 54 N
LONG 133 40 50 W
DRAINAGE AREA, 3 780 km²
NATURAL FLOW

BONNEY PLUME RIVER ABOVE GILLESPIE CREEK - STATION NO. 10MB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1981	---	400E ON JUN 9	4.388 ON MAR 24	1 830 000	1981
1982	---	340E ON MAY 28	3.128 ON APR 14	1 420 000	1982
1983	482 AT 05:42 YST ON JUN 2 *	420 ON JUN 2	4.808 ON APR 1	1 370 000	1983
1984	---	---	2.318 ON MAR 20 *	---	1984
1985	385 AT 13:00 YST ON JUN 8	388 ON JUN 8	4.818 ON APR 10	---	1985
1986	431 AT 06:50 YST ON JUN 8	422 ON JUN 8 *	4.428 ON APR 20	1 830 000	1986
1987	464 AT 03:38 YST ON MAY 31	418 ON MAY 31	3.788 ON MAR 31	---	1987
1988	398 AT 23:48 YST ON JUN 9	288 ON JUN 7	5.488 ON APR 2	1 870 000	1988
				1 880 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CLINTON CREEK ABOVE WOLVERINE CREEK - STATION NO. 09EC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	5.88	0.387	0.283	0.208	---	---	---	---	1984
1985	---	---	---	---	5.07	7.87	3.40	1.83	0.888	---	---	---	---	1985
MEAN	---	---	---	---	5.07	6.72	4.38	1.04	0.403	---	---	---	---	MEAN

LOCATION - LAT 64 28 54 N
LONG 140 42 24 W
NATURAL FLOW

YUKON TERRITORY

CLINTON CREEK ABOVE WOLVERINE CREEK - STATION NO. 09EC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	---	---	0B ON JAN 20 *	---	1985
				---	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

DEZADEASH RIVER AT HAINES JUNCTION - STATION NO. 08AA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	13.2	9.70	8.89	12.8	49.8	87.6	100	71.0	55.7	50.6	35.3	21.1	44.1	1953
1954	14.8	13.8	12.9	12.0	81.2	108	84.4	72.4	53.4	41.9	28.2	18.9	44.1	1954
1955	17.2	15.6	15.0	15.2	40.2	102	142	87.6	58.2	41.8	31.8	14.1	47.6	1955
1956	12.7	11.8	10.8	14.8	48.0	97.8	80.4	58.1	48.7	42.8	32.4	22.8	37.3	1956
1957	18.2	15.4	14.3	15.2	71.1	173	124	76.0	63.5	52.0	30.2	18.7	58.4	1957
1958	15.7	15.7	14.8	15.5	48.0	88.0	37.5	28.8	28.8	24.8	18.1	15.5	27.0	1958
1959	13.3	11.4	10.5	10.7	83.5	135	72.1	70.3	55.5	43.4	27.4	21.3	43.0	1959
1960	17.6	15.2	13.5	12.5	71.4	95.7	82.6	70.8	48.5	33.8	21.0	19.3	43.0	1960
1961	17.0	14.4	12.7	13.0	84.1	117	117	87.0	61.2	38.7	24.4	22.1	48.8	1961
1962	17.0	12.2	8.91	8.91	38.1	171	152	85.1	64.8	51.3	38.7	28.8	67.2	1962
1963	21.5	17.6	16.4	15.9	85.4	101	158	85.8	74.1	58.9	35.5	27.6	57.5	1963
1964	23.6	18.8	17.5	16.5	40.3	149	108	88.1	68.8	42.6	21.8	14.9	64.6	1964
1965	13.8	13.3	12.6	12.6	34.2	71.4	88.8	45.5	32.7	27.8	17.8	15.4	32.3	1965
1966	11.1	9.06	10.3	15.3	28.7	111	79.4	64.5	45.7	33.3	18.5	14.9	38.0	1966
1967	12.1	9.04	7.08	11.9	84.8	130	108	75.9	57.5	45.0	21.1	16.9	44.5	1967
1968	14.8	14.9	14.7	19.0	72.5	77.8	101	74.4	71.5	54.2	27.7	21.3	47.1	1968
1969	16.4	15.8	14.4	22.7	82.5	86.0	80.3	83.5	68.4	49.4	42.1	28.4	48.2	1969
1970	19.3	17.0	15.3	22.7	44.7	70.5	88.2	80.7	42.3	34.7	25.5	17.2	35.8	1970
1971	12.2	11.0	9.93	10.2	31.6	82.8	83.5	62.7	43.6	30.6	18.3	12.5	35.0	1971
1972	10.8	11.3	12.3	12.6	63.9	108	84.2	60.0	38.9	30.6	18.1	11.1	41.1	1972
1973	13.6	12.7	11.3	13.7	33.3	88.3	77.9	52.5	36.8	17.7	14.8	34.8	1973	
1974	11.8	9.18	8.48	9.86	42.6	88.4	81.1	69.1	53.6	32.9	16.8	17.8	32.8	1974
1975	15.1	11.8	8.40	10.3	80.3	---	---	89.8	117	77.8	23.8	22.4	---	1975
1976	19.4	19.7	20.4	18.1	41.4	118	132	67.7	41.0	38.6	28.9	26.2	47.8	1976
1977	22.4	21.8	22.3	28.0	31.2	102	87.6	65.7	44.4	38.3	31.8	28.2	44.5	1977
1978	22.6	19.4	17.8	18.4	42.2	70.6	80.7	47.6	40.3	35.1	28.8	21.1	34.8	1978
1979	18.7	18.1	18.4	22.3	51.1	88.4	97.4	67.8	64.8	42.3	23.3	18.3	43.1	1979
1980	18.7	18.9	17.6	20.9	44.8	85.2	85.2	42.4	37.4	35.6	27.5	19.5	38.0	1980
1981	15.6	15.5	15.3	17.6	55.1	81.6	84.3	44.3	46.6	45.6	30.6	22.3	35.6	1981
1982	20.2	16.6	14.9	17.9	82.1	271	82.6	67.8	60.0	34.1	21.7	17.9	62.9	1982
1983	17.2	17.6	14.2	32.3	44.0	78.8	88.0	45.6	36.9	30.0	21.8	18.1	35.1	1983
1984	13.1	13.4	17.6	31.6	36.0	84.0	82.6	46.2	43.8	27.3	13.6	16.3	32.1	1984
1985	17.8	21.0	20.1	26.4	81.4	84.9	108	55.6	41.6	30.4	21.0	13.3	41.6	1985
1986	11.7	17.3	15.8	13.6	28.5	107	134	88.4	62.7	43.3	31.6	23.7	47.3	1986
1987	23.2	22.4	22.6	26.2	43.9	74.0	84.1	51.2	51.7	46.6	32.0	27.0	40.4	1987
1988	24.2	21.6	20.6	25.3	71.1	130	178	127	71.6	54.6	41.6	34.6	67.0	1988
MEAN	16.6	15.3	14.6	17.6	48.6	103	92.8	68.7	53.9	41.7	25.8	20.0	42.8	MEAN

LOCATION - LAT 60 44 54 N DRAINAGE AREA, 8 500 km^2
LONG 137 30 18 W REGULATED SINCE 1974

DEZADEASH RIVER AT HAINES JUNCTION - STATION NO. 08AA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	133 ON JUL 19	8.168 ON MAR 20	1 380 000	1953
1954	---	184 E ON JUN 7	11.3 B ON APR 27	1 380 000	1954
1955	---	184 ON JUN 26	12.7 B ON DEC 31	1 510 000	1955
1956	---	125 ON JUN 29	10.8 B ON MAR 24	1 180 000	1956
1957	---	210 ON JUN 13	13.9 B ON MAR 14	1 720 000	1957
1958	---	70.8 ON JUN 7	14.3 B ON MAR 21	850 000	1958
1959	---	157 ON JUN 24	10.2 B ON MAR 30	1 380 000	1959
1960	---	141 ON MAY 31	11.3 B ON APR 18	1 380 000	1960
1961	---	286 ON JUN 28	11.8 B ON APR 1	1 450 000	1961
1962	---	275 ON JUN 21	9.918 ON MAR 1	1 800 000	1962
1963	---	180 ON JUL 7	15.8 B ON APR 1	1 610 000	1963
1964	---	236 ON JUN 8	14.1 B ON DEC 28	1 720 000	1964
1965	---	111 ON JUL 8	12.3 B ON MAR 28	1 020 000	1965
1966	---	189 ON JUN 21	8.928 ON FEB 21	1 130 000	1966
1967	---	188 ON JUN 8	8.748 ON MAR 22 *	1 470 000	1967
1968	---	281 ON MAY 23	10.2 B ON FEB 1	1 480 000	1968
1969	---	123 ON MAY 26	12.7 B ON MAR 17	1 430 000	1969
1970	---	81.0 ON JUN 17	14.4 B ON DEC 31	1 130 000	1970
1971	151 AT 05:56 YST ON JUN 29	148 ON JUN 29	9.238 ON MAR 31	1 110 000	1971
1972	186 AT 07:30 YST ON MAY 31	190 ON MAY 31	9.778 ON JAN 18	1 300 000	1972
1973	124 AT 08:15 YST ON JUN 21	119 ON JUN 21	10.5 B ON APR 12	1 100 000	1973
1974	88.8 AT 20:28 YST ON JUN 24	81.7 ON JUN 24	7.838 ON MAR 9	1 030 000	1974
1975	---	---	7.808 ON APR 5	---	1975
1976	184 AT 13:06 YST ON JUL 12	183 ON JUL 12	15.8 B ON APR 8	1 500 000	1976
1977	172 AT 12:27 YST ON JUN 3	166 ON JUN 3	20.0 B ON FEB 14	1 400 000	1977
1978	88.6 AT 07:00 YST ON JUN 6	80.3 ON JUN 8	18.4 B ON APR 21	1 080 000	1978
1979	150 AT 18:28 YST ON JUN 23	147 ON JUN 24	13.2 B ON DEC 22	1 380 000	1979
1980	124 AT 01:10 YST ON JUN 8	121 ON JUN 7	12.1 B ON APR 5	1 110 000	1980
1981	87.8 AT 09:00 YST ON MAY 28	86.2A ON MAY 28	11.4 B ON FEB 18	1 120 000	1981
1982	---	700 E ON JUN 8 *	10.0 B ON MAR 3	1 670 000	1982
1983	131 AT 06:20 YST ON JUN 1	121 ON JUN 1	11.8 B ON MAR 29	1 110 000	1983
1984	108 AT 05:48 YST ON JUL 1	108 ON JUL 1	11.0 B ON JAN 13	1 020 000	1984
1985	152 AT 11:06 YST ON JUN 5	148 ON JUN 5	11.2 B ON DEC 31	1 320 000	1985
1986	188 AT 08:47 YST ON JUL 3	180 ON JUL 3	10.8 B ON JAN 9	1 480 000	1986
1987	180 AT 07:33 YST ON JUN 1	168 ON JUN 1	21.0 B ON FEB 27	1 270 000	1987
1988	385 AT 13:22 YST ON JUL 17 *	337 ON JUL 17	18.2 B ON APR 7	3 120 000	1988
				1 380 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DONJEK RIVER BELOW KLUANE RIVER - STATION NO. 09CA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	---	187	97.4	28.5	---	1979
1980	20.8	19.8	28.8	44.7	77.2	277	515	436	333	148	89.1	30.3	155	1980
1981	24.4	20.3	18.7	22.2	118	210	460	478	271	142	41.1	17.3	153	1981
1982	14.8	14.8	14.7	15.8	50.0	288	480	470	217	88.7	30.3	21.3	142	1982
1983	19.1	19.8	20.8	28.7	89.7	274	564	519	264	138	83.2	28.7	187	1983
1984	---	---	---	---	---	---	488	---	---	---	---	---	---	1984
1985	---	---	---	---	---	---	---	---	---	118	38.8	28.8	---	1985
1986	22.3	19.8	17.2	20.8	78.4	---	---	---	---	---	---	---	---	1986
1987	23.8	19.0	18.8	20.4	87.8	231	589	503	321	97.4	84.3	41.8	155	1987
1988	20.7	18.7	18.4	28.1	82.0	258	525	481	238	128	80.3	27.8	158	1988
MEAN														MEAN

LOCATION - LAT 62 04 58 N, LONG 138 51 38 W
DRAINAGE AREA, 12 400 km^2
NATURAL FLOW

DONJEK RIVER BELOW KLUANE RIVER - STATION NO. 09CA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	873 AT 17:01 YST ON AUG 13	842 ON JUL 18	18.7B ON FEB 18	5 030 000	1980
1981	758 AT 16:16 YST ON JUL 21	708 ON JUL 21	15.0B ON DEC 31	4 830 000	1981
1982	826 AT 13:20 YST ON JUL 31	746 ON JUL 31	13.6B ON JAN 26 *	4 470 000	1982
1983	863 AT 12:17 YST ON JUL 8	882 ON JUL 8	17.0B ON JAN 22	5 250 000	1983
1984	777 AT 16:19 YST ON AUG 8	768 ON AUG 8	---	---	1984
1985	---	---	---	---	1985
1986	---	---	---	---	1986
1987	---	---	18.4B ON MAR 22	---	1987
1988	1 700 AT 21:30 YST ON JUL 18 *	1 430 ON JUL 18 *	18.8B ON MAR 28	5 340 000	1988
				4 880 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DUKE RIVER NEAR THE MOUTH - STATION NO. 09CA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	0.989	0.882	0.891	1.43	13.8	8.84	18.8	14.4	5.15	3.39	2.13	1.42	5.07	1981
1982	1.13	1.11	1.08	1.20	4.44	18.8	17.3	16.0	6.06	3.88	2.72	2.15	5.08	1982
1983	1.55	1.41	1.26	1.21	3.32	18.1	41.1	21.0	6.45	4.03	2.60	1.95	5.55	1983
1984	1.09	0.882	0.481	0.801	4.15	20.5	---	---	7.06	3.96	2.17	1.31	---	1984
1985	1.15	1.05	1.15	1.23	3.81	7.21	30.0	13.6	5.46	5.23	1.55	1.40	5.68	1985
1986	1.26	0.887	0.380	0.632	---	---	23.6	---	---	---	1.93	1.82	---	1986
1987	1.57	1.53	1.42	1.38	4.77	13.5	24.4	33.1	10.8	3.62	2.38	1.98	8.44	1987
1988	1.41	1.46	1.26	1.20	4.28	14.1	87.7	21.2	6.09	3.81	2.70	2.30	12.4	1988
MEAN	1.27	1.13	0.994	1.18	5.52	13.9	36.7	18.7	7.44	3.92	2.28	1.80	8.01	MEAN

LOCATION - LAT 61 21 37 N, LONG 139 08 23 W DRAINAGE AREA, 831 km² NATURAL FLOW

DUKE RIVER NEAR THE MOUTH - STATION NO. 09CA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1981	58.9 AT 05:00 YST ON AUG 9	34.8 ON JUL 17	0.6458 ON FEB 18	182 000	1981
1982	68.8 AT 01:40 YST ON JUN 7	30.8 ON JUN 7	1.03 B ON FEB 25	182 000	1982
1983	95.9 AT 13:38 YST ON JUL 20	85.2 ON JUL 19	1.12 A ON APR 13	270 000	1983
1984	---	---	0.4808 ON MAR 16	---	1984
1985	72.4 AT 00:18 YST ON JUL 12	58.7 ON JUL 14	1.01 B ON FEB 24	204 000	1985
1986	---	---	0.1888 ON MAR 31 *	---	1986
1987	77.5 AT 20:03 YST ON AUG 17	54.8 ON AUG 18	1.34 B ON APR 23	288 000	1987
1988	573 E AT 20:41 YST ON JUL 15 *	308 ON JUL 15 *	1.10 B ON APR 10	393 000	1988
				283 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE - STATION NO. 09FB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	5.35	1.55	0.485	---	1978
1979	0.480	0.452	0.781	1.14	55.5	19.9	25.8	26.5	17.2	5.48	1.89	0.450	13.1	1979
1980	0.184	0.115	0.120	0.138	58.3	18.5	5.04	40.2	12.5	1.84	0.848	0.328	11.5	1980
1981	0.184	0.081	0.077	0.288	53.3	15.7	51.7	11.2	3.72	1.50	0.288	0.081	11.7	1981
1982	0.002	0	0	0.001	44.5	43.8	13.0	18.2	11.7	3.85	0.884	0.105	11.4	1982
1983	0.038	0.018	0.008	0.012	40.7	52.8	3.23	2.50	4.80	2.34	0.841	0.038	8.56	1983
1984	0.001	0	0.008	0.100	22.3	46.0	27.9	22.7	11.1	1.35	0.212	0.003	11.0	1984
1985	0	0	0	0.001	58.7	34.3	5.78	1.82	23.5	7.33	0.073	0	11.1	1985
1986	0	0	0	0.007	10.3	25.8	8.95	21.5	13.5	1.08	0.030	0.014	5.84	1986
1987	0.013	0.013	0.013	0.020	49.5	11.3	5.13	13.7	18.3	3.81	0.782	0.305	8.88	1987
1988	0.218	0.178	0.191	0.174	41.5	23.5	9.78	14.2	17.7	2.28	0.723	0.210	8.31	1988
MEAN	0.107	0.083	0.117	0.188	43.5	28.3	15.5	17.2	13.5	3.37	0.701	0.182	10.4	MEAN

LOCATION - LAT 65 28 30 N, LONG 136 42 30 W DRAINAGE AREA, 1 720 km² NATURAL FLOW

EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE - STATION NO. 09FB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	---	---	---	1978
1979	---	131 E ON MAY 17	0.3208 ON DEC 31	414 000	1979
1980	281 AT 02:30 YST ON MAY 18	254 ON MAY 18	0.0918 ON FEB 19	383 000	1980
1981	248 AT 14:30 YST ON MAY 23	186 ON MAY 23	0.0118 ON DEC 30	388 000	1981
1982	174 AT 17:00 YST ON JUN 3	152 ON MAY 26	0 B ON JAN 11 *	359 000	1982
1983	323 AT 13:51 YST ON JUN 17 *	265 ON JUN 17 *	0 B ON MAR 28	383 000	1983
1984	209 AT 02:23 YST ON JUN 10	172 ON MAY 17	0 B ON JAN 9	348 000	1984
1985	174 AT 02:15 YST ON MAY 21	158 ON MAY 23	0 B ON JAN 1	350 000	1985
1986	75.5 A AT 08:00 YST ON JUN 1	70.3 ON JUN 1	0 B ON JAN 1	218 000	1986
1987	238 AT 01:27 YST ON MAY 24	212 ON MAY 24	0.0138 ON JAN 1	274 000	1987
1988	128 AT 05:04 YST ON MAY 23	120 ON MAY 23	0.1008 ON DEC 31	284 000	1988
				327 000	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

FIRTH RIVER NEAR THE MOUTH - STATION NO. 10MD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	143	107	52.4	17.2	5.70	0.488	---	1972
1973	---	---	---	---	---	---	94.4	70.1	46.1	15.3	5.42	0.885	---	1973
1974	0	0	0	0	---	---	130	90.8	48.0	13.8	5.44	0.887	---	1974
1975	0	0	0	0.387	171	128	45.3	45.3	34.8	10.4	3.78	0.484	38.8	1975
1976	0	0	0	1.44	258	183	81.3	22.3	11.3	5.27	3.28	0.198	45.7	1976
1977	0	0	0	0.398	184	347	84.8	40.2	28.8	12.6	3.70	0.393	55.6	1977
1978	0	0	0	0	4.88	172	84.8	57.8	45.3	11.4	0.444	0	29.7	1978
1979	0	0	0	0.872	87.6	80.2	82.4	105	88.4	22.3	4.08	0.026	35.4	1979
1980	0	0	0	0	301	181	88.8	109	48.3	20.8	4.74	0.048	58.8	1980
1981	0	0	0	0	181	88.7	88.1	---	---	8.88	0.288	0	---	1981
1982	0	0	0	0	3.15	157	88.8	88.7	82.2	8.48	0.030	0	33.3	1982
1983	0	0	0	0	15.3	178	121	88.8	61.4	14.3	2.81	0.002	37.8	1983
1984	0	0	0	0	173	117	78.1	77.8	30.2	13.8	2.88	0	41.3	1984
1985	0	0	0	0	35.8	111	84.8	47.7	28.8	8.81	2.88	0.118	28.3	1985
1986	0	0	0	0	13.2	178	108	107	82.2	15.8	5.18	1.35	40.8	1986
1987	0	0	0	0	83.8	83.8	84.7	73.4	38.2	8.87	3.80	0.783	28.4	1987
1988	0	0	0	0.017	81.8	127	88.3	82.3	39.8	10.2	3.08	0.378	30.8	1988
MEAN	0	0	0	0.214	108	148	84.8	73.8	43.8	12.8	3.81	0.338	38.4	MEAN

LOCATION - LAT 68 18 00 N DRAINAGE AREA, 8 710 km²
LONG 138 34 00 W NATURAL FLOW

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1972	508 AT 03:00 MST ON JUN 27	515 ON JUN 27	---	---	1972
1973	272 AT 05:00 MST ON JUN 5	232 ON JUL 30	---	---	1973
1974	---	---	---	---	1974
1975	---	773 ON MAY 25	0B ON JAN 1 *	1 180 000	1975
1976	---	8888 ON MAY 28	0B ON JAN 1	1 440 000	1976
1977	1 330 AT 00:10 MST ON JUN 1 *	1 110 ON JUN 1 *	0B ON JAN 1	1 780 000	1977
1978	---	808RA ON JUN 4	0B ON JAN 1	935 000	1978
1979	877 AT 13:00 MST ON AUG 28	473 ON AUG 28	0B ON JAN 1	1 120 000	1979
1980	---	6328 ON MAY 24	0B ON JAN 1	1 680 000	1980
1981	---	---	0B ON JAN 1	---	1981
1982	---	2868 ON JUN 8	0B ON JAN 1	1 020 000	1982
1983	---	2948 ON JUN 4	0B ON JAN 1	1 180 000	1983
1984	853 AT 01:20 MST ON MAY 28	747 ON MAY 27	0B ON JAN 1	1 300 000	1984
1985	808 AT 11:40 MST ON JUL 1	538 ON JUN 1	0B ON JAN 1	830 000	1985
1986	---	5008 ON JUN 5	0B ON JAN 1	1 290 000	1986
1987	---	3508 ON MAY 27	0B ON JAN 1	888 000	1987
1988	890 AT 07:27 MST ON JUN 21	408 ON JUN 21	0B ON JAN 1	978 000	1988
				1 210 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

FORTYMILE RIVER NEAR THE MOUTH - STATION NO. 09EC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	0.137	0.038	0.047	0.132	384	484	---	---	48.8	18.2	4.81	0.880	---	1982
1983	0.048	0.018	0.012	1.78	302	180	223	251	138	38.8	8.81	2.18	88.4	1983
1984	0.841	0.018	0.148	0.888	---	---	283	88.8	148	41.0	13.0	2.82	---	1984
1985	0.467	0.073	0.037	0.283	378	484	---	---	138	48.0	8.38	0.783	---	1985
1986	0.488	0.287	0.128	0.234	188	---	---	---	28.7	7.88	0.818	0.138	---	1986
1987	0.084	0.028	0.017	0.388	158	288	284	78.1	88.2	84.8	4.83	2.34	71.4	1987
1988	1.88	1.17	1.88	8.13	888	278	182	148	83.2	17.8	2.88	1.88	118	1988
MEAN	0.488	0.228	0.282	1.84	318	327	198	143	80.1	31.0	5.84	1.48	88.8	MEAN

LOCATION - LAT 84 33 50 N DRAINAGE AREA, 18 800 km²
LONG 140 38 40 W NATURAL FLOW

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1982	1 440 AT 22:28 YST ON JUN 18	1 300 ON JUN 17	0.0348 ON FEB 22	---	1982
1983	1 040 AT 00:07 YST ON JUL 21	938 ON JUL 21	0 B ON FEB 15 *	2 880 000	1983
1984	803 AT 15:08 YST ON JUL 28	884 ON JUL 28	0 B ON FEB 14	---	1984
1985	748 AT 20:47 YST ON JUN 7	708 ON JUN 7	0.0348 ON MAR 30	---	1985
1986	---	710E ON JUN 1	0.0748 ON DEC 31	---	1986
1987	828 AT 13:03 YST ON JUN 4	784 ON JUN 4	0.0108 ON MAR 15	2 250 000	1987
1988	1 880 ON MAY 13 *	1 800E ON MAY 13 *	1.13 B ON FEB 14	3 480 000	1988
				2 800 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FRANCES RIVER NEAR WATSON LAKE - STATION NO. 10AB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	27.8	33.8	223	805	538	199	183	188	80.1	62.3	---	1983
1984	42.5	38.8	34.0	31.1	85.3	803	459	278	305	128	84.4	61.2	188	1984
1985	38.4	37.2	31.8	32.3	97.1	388	359	204	188	174	---	---	---	1985
1986	---	---	---	---	---	472	337	200	128	141	73.4	61.8	---	1986
1987	40.3	30.8	24.8	22.8	187	728	342	175	138	125	74.4	48.1	150	1987
1988	32.2	24.8	20.0	21.8	147	530	475	280	261	183	81.0	53.5	174	1988
1989	28.5	18.1	17.1	26.1	138	393	273	279	285	180	98.7	86.3	148	1989
1970	34.4	28.3	26.3	24.4	175	453	408	308	228	217	82.8	67.0	170	1970
1971	30.7	25.8	22.8	21.4	204	737	318	144	138	110	88.1	37.7	154	1971
1972	28.3	25.0	20.2	18.5	188	847	432	222	134	97.8	84.8	34.7	175	1972
1973	21.3	15.9	17.4	20.0	204	843	372	232	241	116	82.1	38.8	185	1973
1974	28.1	18.9	14.2	15.0	143	498	343	298	178	128	80.4	49.8	147	1974
1975	38.2	28.7	24.2	23.8	198	884	478	213	188	148	77.8	41.8	178	1975
1976	27.5	26.1	24.4	28.4	267	804	585	232	144	110	82.7	38.8	181	1976
1977	32.2	27.0	23.1	24.4	231	613	411	240	184	184	72.8	38.4	170	1977
1978	28.8	23.3	20.4	25.8	118	383	330	237	138	138	88.8	61.3	132	1978
1979	30.6	23.4	23.7	23.0	148	857	487	287	128	112	89.7	64.0	188	1979
1980	33.6	31.2	28.6	27.4	188	388	338	217	158	181	97.1	67.7	136	1980
1981	37.4	28.4	26.7	25.0	280	487	278	134	157	125	88.5	84.3	142	1981
1982	34.0	27.6	24.0	23.6	123	448	227	122	114	93.8	89.5	45.5	113	1982
1983	30.2	22.7	19.8	20.4	138	481	282	167	203	124	88.1	43.1	132	1983
1984	31.2	19.2	20.6	31.3	148	472	381	215	185	89.8	83.3	38.1	140	1984
1985	30.3	23.5	20.6	19.6	122	583	454	229	178	127	81.4	28.7	157	1985
1986	23.8	23.6	22.7	21.6	120	588	485	237	180	188	109	80.3	168	1986
1987	46.0	29.2	21.1	25.8	184	499	384	194	190	183	77.8	38.6	184	1987
1988	31.1	29.1	26.4	36.0	372	888	881	287	187	174	104	83.3	208	1988
MEAN	32.1	25.7	22.9	24.4	178	880	392	224	178	140	78.8	48.1	159	MEAN

LOCATION - LAT 60 38 38 N, LONG 128 07 08 W DRAINAGE AREA, 12 800 km² NATURAL FLOW

FRANCES RIVER NEAR WATSON LAKE - STATION NO. 10AB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1983	861 AT 15:30 YST ON JUN 24	852 ON JUN 24	27.88 ON MAR 1	---	1983
1984	1 110 AT 12:0- YST ON JUN 12 *	1 100 ON JUN 12 *	31.18 ON APR 1	5 880 000	1984
1985	484 AT 21:00 YST ON JUN 12	481 ON JUN 12	30.28 ON APR 10	---	1985
1986	880 AT 02:00 YST ON JUN 18	864 ON JUN 18	---	---	1986
1987	830 AT 21:00 YST ON JUN 7	818 ON JUN 7	21.88 ON APR 21	5 040 000	1987
1988	803 AT 05:00 YST ON JUL 14	585 ON JUL 14	18.38 ON APR 11	5 810 000	1988
1989	832 AT 18:00 YST ON JUN 15	830 ON JUN 15	16.58 ON MAR 23	4 880 000	1989
1970	841 AT 00:13 YST ON JUN 8	838 ON JUN 8	23.88 ON APR 13	5 380 000	1970
1971	881 AT 13:31 YST ON JUN 13	866 ON JUN 13	18.88 ON APR 10	4 850 000	1971
1972	1 080 AT 07:80 YST ON JUN 2	1 080 ON JUN 2	18.18 ON APR 19	5 830 000	1972
1973	782 AT 12:43 YST ON JUN 17	782 ON JUN 17	18.48 ON MAR 22	5 210 000	1973
1974	891 AT 20:47 YST ON JUN 23	871 ON JUN 23	13.88 ON APR 14 *	4 838 000	1974
1975	778 AT 23:08 YST ON JUN 8	778 ON JUN 8	22.18 ON MAR 28	5 820 000	1975
1976	828 AT 08:18 YST ON JUL 4	828 ON JUL 4	23.28 ON MAR 28	5 710 000	1976
1977	871 AT 10:00 YST ON JUN 8	888 ON JUN 8	20.48 ON APR 11	5 380 000	1977
1978	488 AT 08:20 YST ON JUN 11	483 ON JUN 11	18.78 ON MAR 8	4 180 000	1978
1979	758 AT 05:14 YST ON JUN 13	781 ON JUN 12	21.88 ON FEB 28	5 330 000	1979
1980	497 AT 18:17 YST ON JUN 12	488 ON JUN 12	25.58 ON APR 20	4 280 000	1980
1981	734 AT 23:53 YST ON MAY 31	724 ON JUN 1	24.28 ON APR 28	4 470 000	1981
1982	588 AT 22:11 YST ON JUN 15	584 ON JUN 15	22.08 ON APR 2	3 670 000	1982
1983	592 AT 15:20 YST ON JUN 8	591 ON JUN 8	19.38 ON MAR 25	4 180 000	1983
1984	838 AT 18:51 YST ON JUN 14	832 ON JUN 14	18.08 ON FEB 14	4 410 000	1984
1985	783 AT 04:58 YST ON JUN 8	778 ON JUN 7	18.78 ON MAR 28	4 940 000	1985
1986	888 AT 14:08 YST ON JUL 4	888 ON JUL 4	21.28 ON APR 28	5 280 000	1986
1987	801 AT 22:40 YST ON JUN 8	588 ON JUN 10	20.18 ON MAR 15	4 850 000	1987
1988	794 AT 03:39 YST ON JUN 18	783 ON JUN 18	27.78 ON MAR 21	5 580 000	1988
				5 010 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

GILYANA CREEK NEAR THE MOUTH - STATION NO. 09AA009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	0.437	0.283	0.108	---	1980
1981	0.057	0.048	0.048	0.050	1.85	0.881	0.288	0.041	0.287	0.787	0.344	0.091	0.380	1981
1982	0.008	0	0	0.001	2.28	4.17	0.833	1.34	0.842	0.842	0.377	0.181	0.842	1982
1983	0.084	0.103	0.111	0.130	1.72	1.38	0.838	1.10	0.888	0.378	0.140	0.071	0.533	1983
1984	0.030	0.001	0	0.018	0.830	1.08	0.818	0.304	0.788	0.472	0.288	0.171	0.377	1984
1985	0.032	0.001	0	0.001	2.43	2.40	0.881	0.438	0.812	0.828	0.238	0.118	0.824	1985
1986	0.113	0.078	0.031	0.083	---	---	---	---	---	---	0.252	0.128	---	1986
1987	0.080	0.078	0.083	0.118	1.80	1.88	0.253	0.184	0.472	0.388	0.248	0.184	0.472	1987
1988	0.088	0.124	0.133	0.140	2.78	1.81	3.18	1.28	0.784	0.708	0.402	0.304	0.898	1988
MEAN	0.084	0.084	0.080	0.084	1.88	1.87	0.888	0.873	0.887	0.831	0.281	0.148	0.888	MEAN

LOCATION - LAT 61 11 50 N, LONG 138 58 42 W DRAINAGE AREA, 184 km² NATURAL FLOW

GILTANA CREEK NEAR THE MOUTH - STATION NO. 09AA009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEA
1980	---	---	---	---	198
1981	---	4.93A ON MAY 12	0.005 ON AUG 23	11 000	198
1982	9.14 AT 04:27 YST ON JUN 2 *	9.04 ON JUN 2 *	0 B ON JAN 18 *	28 500	198
1983	3.05 AT 09:51 YST ON JUN 5	3.01 ON JUN 5	0.0508 ON DEC 30	15 400	198
1984	3.33 AT 13:12 YST ON JUN 6	3.31 ON JUN 6	0 B ON FEB 8	11 800	198
1985	8.02 AT 01:00 YST ON MAY 29	7.99 ON MAY 29	0 B ON FEB 13	19 700	198
1986	---	---	0.0268 ON MAR 25	---	198
1987	5.10 AT 14:28 YST ON JUN 3	5.02 ON JUN 3	0.0748 ON MAR 3	14 900	198
1988	8.07 AT 15:45 YST ON JUL 17	8.04 ON JUL 17	0.0848 ON JAN 28	30 200	198
				18 700	MEA

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MESS RIVER ABOVE EMERALD CREEK - STATION NO. 09DA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEA
1976	---	---	---	---	---	---	---	---	---	32.8	17.3	10.3	---	1976
1977	8.88	7.71	6.40	6.08	187	388	121	108	87.1	32.4	19.5	10.2	87.7	1977
1978	7.87	5.84	4.81	4.82	110	318	207	137	86.0	83.5	24.6	18.4	78.4	1978
1979	8.47	5.18	5.14	7.38	180	308	201	140	82.0	48.6	30.7	12.5	82.2	1979
1980	7.88	5.38	5.83	5.91	88.8	242	198	138	70.2	81.7	27.3	9.90	88.4	1980
1981	7.89	5.48	5.88	6.09	88.2	188	143	108	84.4	38.8	23.8	15.8	87.2	1981
1982	10.8	8.84	3.76	3.89	88.3	313	188	133	74.5	47.1	19.6	13.3	71.1	1982
1983	10.2	10.8	12.4	17.0	208	377	148	142	102	82.1	30.8	17.8	98.0	1983
1984	14.4	13.3	13.8	14.3	---	---	---	---	83.8	48.0	27.8	18.8	---	1984
1985	10.0	10.3	8.07	8.57	11.1	---	223	105	78.8	48.8	18.8	14.8	---	1985
1986	14.7	14.3	13.8	12.1	82.3	388	---	---	---	40.2	15.8	12.1	---	1986
1987	8.84	7.88	8.58	8.83	113	---	---	108	111	88.4	28.2	17.2	---	1987
1988	10.8	8.15	8.09	8.33	174	238	148	108	84.2	85.7	32.4	18.8	78.7	1988
MEAN	10.4	8.84	7.88	8.38	113	288	187	123	78.4	80.1	23.2	14.1	74.8	MEAN

LOCATION - LAT 63 19 50 N, LONG 131 30 00 W
DRAINAGE AREA, 4 840 km^2
NATURAL FLOW

MESS RIVER ABOVE EMERALD CREEK - STATION NO. 09DA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEA
1976	---	---	---	---	197
1977	532 AT 09:00 YST ON MAY 31	493 ON MAY 30	5.848 ON MAR 24	3 140 000	197
1978	718 AT 02:15 YST ON JUN 5	580 ON JUN 5	4.808 ON APR 6	3 800 000	197
1979	487 AT 04:15 YST ON JUN 4	480 ON JUN 3	4.288 ON FEB 9	3 890 000	197
1980	527 AT 08:42 YST ON JUN 8	485 ON JUN 8	5.418 ON MAR 4	3 180 000	198
1981	381 AT 08:00 YST ON MAY 27	334 ON MAY 28	5.588 ON APR 10	1 800 000	198
1982	778 AT 08:38 YST ON JUN 15 *	582 ON JUN 15	3.408 ON MAR 28 *	3 340 000	198
1983	---	8048 ON JUN 3	8.308 ON JAN 11	3 890 000	198
1984	---	---	11.7 B ON MAR 18	---	198
1985	---	---	8.808 ON FEB 13	---	198
1986	788 AT 08:58 YST ON JUN 8	688 ON JUN 8 *	11.0 B ON DEC 25	---	198
1987	718 AT 07:27 YST ON MAY 31	858 ON MAY 31	8.008 ON MAR 25	---	198
1988	428 AT 07:57 YST ON MAY 14	408 ON MAY 14	8.408 ON APR 2	2 380 000	198
				2 380 000	MEA

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HYLAND RIVER AT KILOMETRE 108.6 NAHANNI RANGE ROAD - STATION NO. 10AD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEA
1976	---	---	---	---	---	---	---	---	---	22.3	13.8	7.41	---	1976
1977	5.81	5.14	4.78	5.45	57.7	183	108	88.8	47.3	28.7	12.8	8.88	44.4	1977
1978	5.08	4.40	3.83	4.84	31.8	148	133	84.4	28.2	33.3	16.1	10.8	40.8	1978
1979	8.03	4.80	4.41	4.30	27.8	194	183	87.7	32.0	28.8	17.3	9.43	48.1	1979
1980	8.17	5.83	5.48	5.45	53.8	181	88.1	73.7	48.8	48.8	20.5	8.78	43.4	1980
1981	8.33	7.09	8.74	8.18	88.3	138	88.4	88.2	81.7	23.2	13.3	8.37	42.2	1981
1982	8.07	4.88	4.24	8.11	28.8	143	83.8	48.4	34.8	24.7	18.8	11.8	34.1	1982
1983	7.87	4.77	3.83	8.13	38.3	178	88.2	78.8	42.7	22.8	12.8	7.17	48.2	1983
1984	8.78	4.84	3.48	3.78	42.2	147	111	88.1	38.8	18.8	11.8	8.88	48.3	1984
1985	8.31	8.38	4.83	4.42	22.8	183	188	88.8	41.4	17.2	8.88	8.88	41.2	1985
1986	8.47	4.88	4.83	8.38	24.7	182	184	88.2	33.8	28.1	13.4	11.3	42.7	1986
1987	8.88	4.38	3.20	3.80	36.8	158	128	88.1	81.1	38.8	11.4	8.88	43.8	1987
1988	7.18	8.48	8.44	8.28	77.8	173	147	87.4	87.7	44.8	18.8	11.7	82.7	1988
MEAN	8.38	8.23	4.48	4.78	44.7	188	133	88.8	44.8	28.7	14.3	8.88	42.7	MEAN

LOCATION - LAT 61 28 00 N, LONG 128 14 10 W
DRAINAGE AREA, 2 180 km^2
NATURAL FLOW

HYLAND RIVER AT KILOMETRE 108.5 NAHANNI RANGE ROAD - STATION NO. 10AD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	353 AT 18:15 YST ON JUN 20	348 ON JUN 21	4.388 ON MAR 22	1 400 000	1977
1978	378 AT 22:08 YST ON JUL 2	361 ON JUL 2	3.858 ON APR 8	1 280 000	1978
1979	383 AT 10:33 YST ON JUN 27	356 ON JUN 27	3.948 ON MAR 31	1 480 000	1979
1980	293 AT 01:44 YST ON JUN 10	283 ON JUN 8	5.138 ON APR 14	1 370 000	1980
1981	378 AT 08:40 YST ON MAY 31	378 ON MAY 30	4.808 ON APR 8	1 330 000	1981
1982	344 AT 08:04 YST ON JUN 16	334 ON JUN 15	4.028 ON MAR 25	1 060 000	1982
1983	300 AT 22:13 YST ON JUN 1 *	280 ON JUN 2 *	3.308 ON MAR 9	1 270 000	1983
1984	328 AT 07:58 YST ON JUN 11	318 ON JUN 11	3.018 ON APR 2 *	1 270 000	1984
1985	357 AT 07:22 YST ON JUL 4	351 ON JUL 4	4.088 ON APR 28	1 300 000	1985
1986	348 AT 02:09 YST ON JUL 3	351 ON JUL 3	4.888 ON FEB 25	1 380 000	1986
1987	374 AT 16:10 YST ON JUN 23	366 ON JUN 23	3.118 ON MAR 18	1 340 000	1987
1988	371 AT 13:28 YST ON JUN 10	368 ON JUN 10	4.708 ON APR 1	1 870 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 350 000	MEAN

INDIAN RIVER ABOVE THE MOUTH - STATION NO. 09EB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	0.043	0.012	0.010	0.013	32.8	21.8	4.61	3.24	2.88	1.62	0.548	0.133	4.81	1982
1983	0.037	0.018	0.016	7.26	38.7	8.48	5.81	7.85	5.88	1.92	0.483	0.120	5.41	1983
1984	0.030	0.003	0.040	1.87	---	---	6.36	3.88	8.07	1.87	0.398	0.013	---	1984
1985	0	0	0	0.018	33.5	28.3	11.8	15.3	8.88	5.58	0.428	0.044	8.82	1985
1986	0.027	0.011	0	0.008	13.8	11.7	8.88	4.48	3.01	0.448	0.028	0.003	3.18	1986
1987	0.001	0.001	0.001	0.014	27.8	12.8	8.75	7.53	5.74	5.30	1.35	0.880	5.88	1987
1988	0.148	0.023	0.018	5.88	80.7	11.2	8.13	8.81	8.13	3.87	0.433	0.134	7.48	1988
MEAN	0.041	0.010	0.012	2.13	37.3	15.8	7.71	7.28	5.00	2.87	0.825	0.182	5.91	MEAN

LOCATION - LAT 83 46 18 N, LONG 138 37 46 W DRAINAGE AREA, 2 220 km^2, NATURAL FLOW

INDIAN RIVER ABOVE THE MOUTH - STATION NO. 09EB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	79.9A ON MAY 21	0.0088 ON FEB 15	182 000	1982
1983	74.2 AT 03:00 YST ON APR 29	71.1 ON APR 29	0.0148 ON MAR 3	171 000	1983
1984	---	---	0 B ON FEB 3 *	---	1984
1985	105 AT 03:11 YST ON MAY 22	102 ON MAY 22	0 B ON JAN 1	272 000	1985
1986	87.7 AT 00:24 YST ON MAY 28	83.8 ON MAY 28	0 B ON MAR 1	100 000	1986
1987	94.2 AT 23:15 YST ON MAY 31	81.2 ON MAY 22	0.0015 ON JAN 1	188 000	1987
1988	118 AT 02:10 YST ON MAY 16 *	108 ON MAY 15 *	0.0188 ON APR 8	238 000	1988
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		187 000	MEAN

KATHLEEN RIVER NEAR HAINES JUNCTION - STATION NO. 08AA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	---	---	22.0	14.3	9.47	6.63	4.84	4.24	---	1988
1980	3.48	2.81	2.47	2.12	4.77	24.5	28.0	19.7	12.2	8.07	5.88	4.80	9.98	1980
1981	3.93	3.12	2.71	2.43	4.37	27.8	37.0	21.3	13.8	10.5	6.88	5.41	11.7	1981
1982	4.87	3.82	3.33	2.65	3.33	28.8	37.7	19.8	10.8	11.8	8.83	6.41	11.8	1982
1983	5.38	4.08	3.21	2.88	4.72	18.3	28.4	18.8	14.8	10.1	8.30	6.30	10.8	1983
1984	4.83	3.79	3.26	2.80	---	---	---	---	---	---	---	---	---	1984
MEAN	4.44	3.52	2.97	2.64	4.27	24.8	33.3	18.8	12.2	9.40	6.45	5.17	11.1	MEAN

LOCATION - LAT 60 35 35 N, LONG 137 13 45 W DRAINAGE AREA, 842 km^2, NATURAL FLOW

KATHLEEN RIVER NEAR HAINES JUNCTION - STATION NO. 08AA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1988	---	---	---	---	1988
1980	---	38.8 ON JUN 30	2.81 ON APR 14 *	318 000	1980
1981	---	47.8E ON JUL 1	3.32 ON APR 8	387 000	1981
1982	---	54.1 ON JUN 28	3.41 ON APR 20	373 000	1982
1983	---	44.8 ON JUL 10	3.48 ON APR 24	344 000	1983
1984	---	85.1 ON JUN 20 *	2.39 ON MAY 5	---	1984
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		350 000	MEAN

KING CREEK AT KILOMETRE 20.9 NAHANNI RANGE ROAD - STATION NO. 10AB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	0.151	0.111	0.078	0.038	0.028	---	1975
1976	0.021	0.017	0.018	0.024	0.343	0.789	0.421	0.098	0.068	0.040	0.037	0.025	0.155	1976
1977	0.023	0.024	0.023	0.023	0.318	0.486	0.238	0.138	0.085	0.044	0.037	0.030	0.121	1977
1978	0.027	0.018	0.013	0.011	---	---	---	---	0.075	0.068	0.053	0.034	---	1978
1979	0.020	0.011	0.018	0.020	0.231	0.483	0.348	0.148	0.104	0.084	0.068	0.038	0.129	1979
1980	0.025	0.027	0.025	0.025	0.235	0.282	0.185	0.155	0.123	0.224	0.088	0.047	0.121	1980
1981	0.036	0.028	0.023	0.018	0.301	0.258	0.187	0.082	0.140	0.108	0.088	0.040	0.108	1981
1982	0.028	0.020	0.015	0.013	0.089	0.501	0.157	0.088	0.083	0.084	0.020	0.012	0.088	1982
1983	0.003	0	0.006	0.020	0.174	0.283	0.100	0.103	0.101	0.078	0.048	0.022	0.077	1983
1984	0.012	0.002	0.002	0.020	0.186	0.539	0.283	0.113	0.093	0.083	0.032	0.022	0.112	1984
1985	0.016	0.011	0.010	0.010	0.184	0.535	0.230	0.105	0.115	0.084	0.050	0.033	0.113	1985
1986	0.033	0.040	0.038	0.028	0.214	0.482	0.368	0.263	0.163	0.141	0.088	0.047	0.161	1986
1987	0.048	0.054	0.033	0.012	0.288	0.372	0.270	0.105	0.085	0.058	0.043	0.032	0.115	1987
1988	0.082	0.057	0.041	0.044	0.450	0.718	0.534	0.172	0.144	0.137	0.078	0.053	0.208	1988
MEAN	0.027	0.024	0.020	0.021	0.248	0.487	0.274	0.132	0.105	0.093	0.055	0.034	0.126	MEAN

LOCATION - LAT 60 58 50 N DRAINAGE AREA, 13.7 km²
LONG 128 55 40 W NATURAL FLOW

KING CREEK AT KILOMETRE 20.9 NAHANNI RANGE ROAD - STATION NO. 10AB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	2.15 AT 22:13 YST ON JUN 8 *	1.81 ON JUL 3 *	0.0188 ON FEB 13	4 810	1976
1977	1.05 AT 02:00 YST ON MAY 25	0.848 ON MAY 25	0.0218 ON JAN 11	3 810	1977
1978	---	---	0.0118 ON MAR 25	---	1978
1979	0.981 AT 15:00 YST ON MAY 31	0.873 ON JUN 2	0.0108 ON FEB 9	4 080	1979
1980	0.808 AT 21:10 YST ON MAY 14	0.888 ON JUN 1	0.0228 ON APR 6	3 830	1980
1981	1.14 AT 14:20 YST ON MAY 26	0.852 ON MAY 26	0.0178 ON APR 10	3 380	1981
1982	1.27 AT 01:26 YST ON JUN 9	1.07 ON JUN 9	0.0068 ON DEC 28	2 770	1982
1983	1.20 AT 21:50 YST ON MAY 30	1.03 ON MAY 31	0 B ON JAN 15 *	2 420	1983
1984	1.58 AT 18:30 YST ON JUN 6	1.45 ON JUN 6	0 B ON FEB 12	3 550	1984
1985	1.56 AT 20:08 YST ON JUN 3	1.24 ON JUN 3	0.008E ON APR 28	3 580	1985
1986	1.37 AT 04:00 YST ON MAY 27	1.23 ON MAY 30	0.0278 ON APR 14	5 080	1986
1987	1.67 AT 22:01 YST ON MAY 29	1.34 ON MAY 30	0.008B ON APR 14	3 840	1987
1988	1.74 AT 14:10 YST ON MAY 29	1.37 A ON MAY 14	0.038B ON MAR 18	6 580	1988
				3 970	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

KLONDIKE RIVER ABOVE BONANZA CREEK - STATION NO. 09EA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	208	141	85.8	46.7	21.8	20.5	---	1965
1966	12.8	11.2	10.8	13.8	186	301	75.3	39.6	49.6	31.5	17.0	10.8	81.8	1966
1967	9.67	8.46	9.06	10.5	150	207	83.8	127	157	81.4	28.0	18.1	71.8	1967
1968	14.1	11.3	10.1	11.8	183	258	102	78.2	53.5	27.6	21.4	16.2	85.7	1968
1969	11.8	8.31	8.33	19.1	105	150	38.6	31.1	44.2	28.4	14.5	13.2	38.3	1969
1970	8.51	8.88	8.48	8.07	138	213	118	83.1	72.7	38.7	22.8	13.8	60.5	1970
1971	9.00	8.75	9.15	12.8	222	328	84.5	74.0	105	36.1	24.1	16.3	78.3	1971
1972	11.1	8.32	8.15	8.44	188	232	87.4	88.8	83.5	36.7	18.4	13.0	66.8	1972
1973	8.84	8.37	7.88	8.58	184	---	---	---	---	33.4	18.0	11.2	---	1973
1974	8.28	4.86	5.39	7.84	184	198	80.4	72.1	80.8	33.8	18.2	14.0	48.7	1974
1975	8.89	8.54	10.1	12.6	239	278	130	83.5	85.9	59.8	24.1	14.8	78.4	1975
1976	12.6	10.6	9.78	15.0	181	195	83.4	86.0	37.6	26.4	13.8	7.87	61.7	1976
1977	10.1	10.2	9.06	13.6	181	282	94.7	51.0	38.3	31.1	13.1	8.45	62.8	1977
1978	8.90	7.11	8.81	11.4	88.2	145	88.7	40.0	43.5	42.8	22.8	17.6	41.7	1978
1979	12.1	8.08	8.78	12.7	226	236	218	88.3	80.8	84.7	30.7	10.3	84.4	1979
1980	9.88	11.2	12.2	18.4	139	188	82.0	113	88.7	87.0	20.8	8.88	83.2	1980
1981	8.32	8.58	11.4	10.8	131	146	148	107	118	68.4	31.8	18.8	87.7	1981
1982	10.2	8.02	8.41	8.32	124	282	108	69.0	64.5	28.7	17.2	12.2	58.0	1982
1983	10.1	10.3	8.78	13.8	108	190	80.0	74.8	82.5	40.8	25.4	18.2	62.5	1983
1984	9.08	8.46	10.3	15.8	188	205	108	84.7	47.8	28.8	17.0	13.8	58.8	1984
1985	11.4	8.08	8.50	10.2	181	218	122	83.7	74.7	44.2	18.8	11.8	78.5	1985
1986	11.2	8.67	7.74	8.14	123	223	92.0	108	88.2	31.0	18.1	12.8	68.7	1986
1987	10.8	8.80	8.03	10.5	141	228	84.1	88.5	70.2	87.1	22.8	18.0	80.5	1987
1988	13.2	10.5	10.3	18.8	183	249	121	82.1	87.2	48.1	30.8	26.3	78.8	1988
MEAN	10.4	8.18	8.80	12.2	158	227	104	77.8	71.8	41.8	20.8	14.2	62.4	MEAN

LOCATION - LAT 64 02 34 N DRAINAGE AREA, 7 800 km²
LONG 138 24 28 W NATURAL FLOW

KLONDIKE RIVER ABOVE BONANZA CREEK - STATION NO. 09EA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	433 ON JUN 8	10.1 B ON DEC 25	1 840 000	1966
1967	---	411 ON JUN 2	8.888 ON APR 4	2 280 000	1967
1968	---	367 ON MAY 21	9.498 ON MAR 31	2 080 000	1968
1969	---	286 ON JUN 11	5.888 ON MAR 19	1 240 000	1969
1970	---	343 ON JUN 25	5.108 ON APR 2	1 810 000	1970
1971	---	478 ON JUN 11	7.848 ON MAR 7	2 470 000	1971
1972	---	840 ON MAY 28 *	7.288 ON APR 3	1 880 000	1972
1973	---	---	7.568 ON MAR 19	---	1973
1974	326 AT 03:08 YST ON MAY 25	317 ON MAY 24	4.818 ON FEB 1 *	1 540 000	1974
1975	---	544A ON MAY 13	6.888 ON FEB 13	2 500 000	1975
1976	---	374 ON JUN 19	7.088 ON DEC 6	1 630 000	1976
1977	---	426A ON JUN 9	7.598 ON DEC 10	1 980 000	1977
1978	226 AT 00:00 YST ON JUN 9	210 ON JUN 9	6.548 ON MAR 8	1 320 000	1978
1979	---	406B ON MAY 3	7.568 ON FEB 12	2 680 000	1979
1980	---	380E ON JUN 8	7.558 ON DEC 19	2 000 000	1980
1981	308 AT 10:30 YST ON MAY 29	302 ON MAY 29	7.858 ON FEB 12	3 130 000	1981
1982	422 AT 13:50 YST ON JUN 9	418 ON JUN 9	7.808 ON APR 2	1 770 000	1982
1983	491 AT 21:45 YST ON JUN 1	488 ON JUN 2	8.318 ON MAR 10	1 880 000	1983
1984	303 AT 12:54 YST ON JUN 10	302 ON JUN 10	7.058 ON JAN 30	1 790 000	1984
1985	833 AT 17:24 YST ON JUN 7 *	821 ON JUN 7	8.208 ON FEB 22	2 380 000	1985
1986	478 AT 13:18 YST ON JUN 9	455 ON JUN 9	7.408 ON MAR 31	1 880 000	1986
1987	488 AT 13:45 YST ON JUN 1	488 ON JUN 1	7.808 ON MAR 29	1 910 000	1987
1988	488 AT 15:50 YST ON MAY 31	448 ON MAY 31	9.858 ON APR 10	2 400 000	1988
				1 870 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KLUANE RIVER AT OUTLET OF KLUANE LAKE - STATION NO. 09CA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	---	---	---	---	---	---	---	10.8	---	1952
1953	8.10	5.88	10.7	18.6	24.8	74.1	146	112	80.4	46.0	24.3	7.84	46.7	1953
1954	6.03	5.82	6.36	8.35	12.7	74.8	172	248	214	107	41.8	11.8	76.8	1954
1955	8.78	8.78	8.34	10.8	10.3	33.8	162	238	185	70.7	28.1	11.3	62.8	1955
1956	4.08	1.77	1.04	1.23	12.8	80.8	216	274	181	108	50.8	20.0	80.7	1956
1957	16.7	16.3	15.1	13.6	27.7	135	244	310	234	120	58.6	33.4	102	1957
1958	18.4	13.4	12.8	14.8	22.3	104	214	132	88.0	32.7	17.7	10.8	55.6	1958
1959	6.34	6.58	6.03	10.8	23.2	96.8	211	220	167	81.0	36.3	14.0	74.2	1959
1960	15.4	17.1	12.0	11.7	26.5	86.7	157	238	178	86.0	35.4	22.7	72.8	1960
1961	19.2	17.8	17.6	16.8	22.4	85.4	137	220	148	83.8	31.1	20.4	64.5	1961
1962	11.6	5.85	5.85	5.85	18.7	102	224	308	223	86.2	---	17.8	---	1962
1963	17.0	16.8	15.3	15.7	27.7	88.7	---	---	---	---	38.5	18.4	---	1963
1964	17.3	17.6	17.8	18.7	21.1	120	206	269	186	82.4	36.8	7.98	83.7	1964
1965	6.48	6.56	6.08	6.25	12.6	54.8	131	202	150	68.2	34.1	17.4	58.3	1965
1966	10.2	8.51	7.87	8.44	12.8	80.8	240	291	130	46.8	21.8	13.0	73.6	1966
1967	8.34	8.88	8.88	8.66	23.2	143	192	147	76.0	42.8	25.7	12.4	58.6	1967
1968	6.78	7.07	11.4	13.6	28.4	76.6	191	188	95.7	48.2	18.8	7.22	56.4	1968
1969	6.13	6.88	6.87	18.7	30.8	108	258	267	150	77.4	36.7	8.98	80.8	1969
1970	8.48	18.0	18.2	18.4	20.2	55.8	122	114	82.2	33.5	12.5	5.21	40.8	1970
1971	2.38	0.648	0.637	1.18	6.87	85.8	187	346	214	88.8	33.3	18.6	61.8	1971
1972	10.2	10.1	10.4	12.8	35.7	108	244	302	207	84.6	48.2	26.8	83.1	1972
1973	16.1	12.0	13.4	14.8	23.0	46.6	171	232	180	77.5	34.2	14.8	68.6	1973
1974	6.48	4.32	4.10	5.33	26.2	83.3	186	265	218	108	46.8	24.5	82.1	1974
1975	14.4	13.4	20.4	18.2	20.8	46.1	207	280	184	102	56.1	21.8	81.1	1975
1976	15.4	13.2	14.6	16.8	24.8	76.6	216	246	156	76.7	38.8	14.6	76.8	1976
1977	17.6	23.8	19.0	16.2	17.8	86.8	187	226	178	87.3	46.3	26.1	73.7	1977
1978	16.8	16.8	19.8	19.7	22.0	66.8	170	288	212	92.8	33.0	11.8	81.6	1978
1979	8.46	10.8	16.1	21.6	33.4	82.8	210	308	231	98.6	48.2	18.4	91.7	1979
1980	15.8	15.6	17.8	23.0	26.3	71.8	178	242	170	103	44.4	27.4	78.3	1980
1981	22.0	16.2	16.6	14.8	26.7	88.2	173	272	202	83.4	36.8	21.6	81.0	1981
1982	13.6	12.7	12.3	11.2	17.6	86.6	203	276	167	81.6	42.3	16.8	82.3	1982
1983	13.0	12.2	13.6	16.4	23.4	76.2	206	276	171	76.4	41.7	26.2	80.0	1983
1984	14.7	13.4	17.2	16.7	18.8	48.8	180	218	150	71.2	36.8	22.0	64.8	1984
1985	17.6	18.0	16.1	16.7	18.0	44.3	150	240	190	81.6	36.8	34.0	72.8	1985
1986	28.7	26.2	22.0	17.0	22.6	67.7	208	276	177	84.6	22.2	20.8	81.0	1986
1987	20.8	18.6	18.4	16.0	18.0	67.1	187	272	218	102	48.2	18.0	81.2	1987
1988	9.46	13.4	22.8	21.1	27.6	76.0	260	282	148	74.8	37.6	20.7	80.4	1988
MEAN	13.0	12.3	12.8	13.6	22.0	77.1	191	244	188	81.0	36.6	17.8	74.1	MEAN

LOCATION - LAT 61 25 37 N, LONG 138 02 58 W
DRAINAGE AREA, 4 850 km^2
NATURAL FLOW

REMARKS - CONTRIBUTING FLOW OF KUSKAWULSH GLACIER REDUCED IN 1967

YUKON TERRITORY

KLUANE RIVER AT OUTLET OF KLUANE LAKE - STATION NO. 09CA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	---	---	---	1952
1953	---	182 ON JUL 8	4.08 B ON FEB 10	1 470 000	1953
1954	---	288 ON AUG 14	5.24 B ON MAR 28	2 380 000	1954
1955	---	242 ON AUG 13	5.65 B ON DEC 31	1 880 000	1955
1956	---	283 ON AUG 18	0.9838 ON MAR 21	2 880 000	1956
1957	---	331 ON AUG 18	12.2 B ON APR 21	3 230 000	1957
1958	---	244 ON JUL 15	8.40 B ON DEC 31	1 780 000	1958
1959	---	229 ON AUG 28	6.72 B ON MAR 13	2 340 000	1959
1960	---	275 ON AUG 21	10.9 B ON MAR 30	2 280 000	1960
1961	237 AT 05:00 YST ON AUG 12	235 ON AUG 12	14.3 B ON APR 29	2 030 000	1961
1962	317 AT 18:00 YST ON AUG 18	314 ON AUG 18	5.95 B ON FEB 1	---	1962
1963	---	311E ON AUG 23	14.4 B ON APR 1	---	1963
1964	284 AT 19:00 YST ON AUG 7	284 ON AUG 8	8.81 B ON DEC 31	2 880 000	1964
1965	218 AT 12:00 YST ON AUG 24	218 ON AUG 25	5.04 B ON APR 21	1 840 000	1965
1966	337 AT 18:15 YST ON AUG 10	328 ON JUL 30	7.38 B ON MAR 22	2 320 000	1966
1967	216 AT 17:15 YST ON JUN 28	209 ON JUN 28	7.78 B ON DEC 31	1 850 000	1967
1968	222 AT 19:00 YST ON JUL 15	221 ON JUL 15	4.87 B ON FEB 4	1 780 000	1968
1969	309 AT 20:15 YST ON AUG 7	303 ON AUG 8	8.35 B ON JAN 20	2 850 000	1969
1970	151 AT 15:54 YST ON JUL 30	150 ON JUL 28	4.19 B ON DEC 31	1 280 000	1970
1971	388 AT 02:30 YST ON AUG 15 *	382 ON AUG 14 *	0.5388 ON FEB 27 *	2 880 000	1971
1972	314 AT 15:40 YST ON AUG 10	314 ON AUG 10	9.83 B ON MAR 5	3 840 000	1972
1973	261 AT 02:10 YST ON AUG 14	246 ON AUG 14	9.17 B ON DEC 31	2 180 000	1973
1974	311 AT 19:50 YST ON AUG 19	300 ON AUG 19	3.99 B ON MAR 11	2 880 000	1974
1975	274 AT 03:55 YST ON AUG 11	273 ON AUG 11	11.5 B ON FEB 12	2 880 000	1975
1976	277 AT 12:00 YST ON AUG 11	282E ON AUG 9	12.5 B ON FEB 14	2 430 000	1976
1977	282 AT 20:00 YST ON AUG 24	282 ON AUG 24	14.5 E ON APR 17	2 320 000	1977
1978	336 AT 22:00 YST ON AUG 17	323 ON AUG 18	8.00 B ON DEC 28	2 670 000	1978
1979	323 AT 04:50 YST ON AUG 28	319 ON AUG 18	6.86 B ON JAN 10	2 870 000	1979
1980	287 AT 11:13 YST ON AUG 15	259 ON AUG 15	14.2 B ON JAN 31	2 470 000	1980
1981	326 AT 14:34 YST ON AUG 15	308 ON AUG 15	14.4 B ON APR 14	2 850 000	1981
1982	323 AT 15:47 YST ON AUG 7	310 ON AUG 7	11.0 B ON APR 9	2 800 000	1982
1983	296 AT 12:08 YST ON AUG 13	294 ON AUG 14	11.5 B ON FEB 10	2 520 000	1983
1984	287 AT 21:21 YST ON AUG 24	248 ON AUG 19	11.9 B ON JAN 31	2 050 000	1984
1985	283 AT 05:41 YST ON AUG 21	283 ON AUG 21	12.8 ON APR 27	2 300 000	1985
1986	321 AT 01:32 YST ON AUG 8	311 ON AUG 8	18.2 B ON APR 23	2 880 000	1986
1987	303 AT 18:50 YST ON AUG 15	288 ON AUG 16	10.1 B ON DEC 31	2 880 000	1987
1988	340 AT 17:54 YST ON JUL 20	328 ON JUL 20	8.80 B ON JAN 11	2 540 000	1988
				2 340 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LIARD RIVER AT UPPER CROSSING - STATION NO. 10AA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	1 240	887	480	455	280	119	113	---	1980
1981	88.1	78.3	75.0	88.8	740	1 950	710	344	404	300	121	118	418	1981
1982	89.1	78.3	88.1	89.5	413	2 240	1 280	633	850	428	218	170	818	1982
1983	142	127	98.1	88.5	747	1 420	1 150	438	436	278	187	138	448	1983
1984	105	88.0	88.0	90.8	235	2 070	898	588	451	302	198	127	433	1984
1985	102	88.0	70.8	88.1	580	1 090	808	411	388	241	138	73.7	381	1985
1986	88.3	88.8	80.5	84.4	388	1 170	717	441	304	348	177	130	328	1986
1987	88.5	77.4	83.5	81.4	617	1 850	893	377	301	333	187	184	389	1987
1988	103	71.4	80.3	82.8	498	1 240	1 080	588	588	377	303	145	418	1988
1989	82.2	87.4	81.8	82.0	848	890	570	587	708	383	238	188	371	1989
1970	111	85.4	78.0	78.7	884	1 030	803	528	478	821	214	128	388	1970
1971	81.8	80.3	88.5	80.8	831	1 830	871	318	318	283	148	113	388	1971
1972	81.7	88.4	84.4	82.5	888	1 830	800	808	338	287	143	111	403	1972
1973	83.8	77.4	84.5	87.1	884	1 380	737	481	478	328	130	88.3	382	1973
1974	88.8	81.0	83.7	84.3	848	1 100	888	888	384	344	182	133	374	1974
1975	95.0	82.8	73.8	88.8	488	1 300	1 040	474	384	304	164	111	383	1975
1976	77.8	88.8	84.8	87.0	888	1 880	1 280	577	383	281	188	107	448	1976
1977	88.4	83.8	82.0	104	802	1 410	883	487	381	303	180	104	381	1977
1978	74.8	88.8	88.1	87.7	327	758	835	420	301	329	201	188	378	1978
1979	108	78.8	78.8	78.2	818	1 470	1 220	841	334	288	178	107	417	1979
1980	84.8	80.8	73.1	81.2	884	823	835	488	388	483	324	128	338	1980
1981	118	103	88.4	81.7	803	1 120	827	320	438	338	233	188	378	1981
1982	88.1	82.8	87.8	82.2	383	1 180	832	380	374	231	124	81.4	280	1982
1983	78.2	84.8	88.3	84.8	438	1 100	838	381	388	288	138	87.1	288	1983
1984	82.8	88.8	88.8	74.8	488	1 170	887	381	382	228	138	88.3	318	1984
1985	78.4	84.8	87.1	82.8	378	1 280	880	440	382	271	148	108	387	1985
1986	88.3	88.4	87.8	81.2	412	1 330	1 040	478	374	433	280	177	404	1986
1987	118	88.8	77.8	84.0	882	1 300	887	441	384	377	208	187	392	1987
1988	113	88.4	78.8	81.8	821	1 480	1 340	881	392	372	238	188	487	1988
MEAN	84.3	78.3	87.8	77.8	538	1 380	881	478	403	328	178	128	382	MEAN

LOCATION - LAT 80 03 00 N
LONG 128 54 00 W
DRAINAGE AREA, 33 400 km^2
NATURAL FLOW

LIARD RIVER AT UPPER CROSSING - STATION NO. 10AA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	1 800 ON JUN 30	75.0B ON MAR 1	13 200 000	1981
1982	---	3 030 ON JUN 12	56.1B ON MAR 1	16 300 000	1982
1983	---	2 780 ON JUN 23	85.0B ON APR 1	14 100 000	1983
1984	---	1 870 ON JUN 24	85.0B ON FEB 1	13 700 000	1984
1985	---	1 480 ON JUN 1	59.5B ON APR 12	11 100 000	1985
1986	---	1 510 ON JUN 19	49.6B ON MAR 23	10 300 000	1986
1987	---	1 880 ON JUN 7	59.2B ON APR 8	11 800 000	1987
1988	---	1 840 ON JUN 13	57.8B ON APR 9	13 200 000	1988
1989	---	1 340 ON JUN 12	49.8B ON MAR 29	11 700 000	1989
1970	---	1 480 ON JUN 8	70.8B ON MAR 30	12 100 000	1970
1971	---	2 380 ON JUN 13	84.8B ON MAR 28	11 300 000	1971
1972	---	3 080 ON JUN 2 *	61.5B ON MAR 28	12 700 000	1972
1973	---	1 810 ON JUN 17	80.9B ON MAR 24	11 400 000	1973
1974	---	1 380 ON JUN 24	48.3B ON APR 8 *	11 800 000	1974
1975	1 880 AT 17:00 YST ON JUN 4	1 670 ON JUN 4	71.9B ON MAR 27	12 100 000	1975
1976	---	2 050 ON JUN 12	83.1B ON MAR 24	14 100 000	1976
1977	1 950 AT 11:50 YST ON JUN 5	1 830 ON JUN 5	76.9B ON MAR 21	12 300 000	1977
1978	---	843A ON JUN 9	55.1B ON MAR 5	6 880 000	1978
1979	---	1 810A ON JUN 4	89.4B ON MAR 1	13 200 000	1979
1980	1 250 AT 09:13 YST ON JUN 11	1 230 ON JUN 11	67.1B ON MAR 22	10 800 000	1980
1981	2 080 AT 08:32 YST ON MAY 29	2 080 ON MAY 29	77.0B ON APR 20	11 800 000	1981
1982	1 870 AT 04:35 YST ON JUN 5	1 550 ON JUN 4	86.0B ON FEB 26	8 820 000	1982
1983	1 720 AT 10:50 YST ON JUN 3	1 710 ON JUN 3	82.0B ON FEB 14	8 330 000	1983
1984	1 770 AT 01:18 YST ON JUN 10	1 730 ON JUN 10	85.7B ON FEB 11	10 000 000	1984
1985	2 310 AT 04:04 YST ON JUN 7	2 270 ON JUN 7	88.0B ON MAR 25	11 300 000	1985
1986	1 880 AT 12:26 YST ON JUN 9	1 870 ON JUN 9	84.5B ON FEB 15	12 800 000	1986
1987	2 270 AT 08:38 YST ON JUN 2	2 230 ON JUN 2	75.4B ON MAR 31	12 300 000	1987
1988	2 500 AT 05:40 YST ON JUL 15 *	2 440 ON JUL 15	77.6B ON MAR 31	15 400 000	1988
				12 000 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE SOUTH KLONDIKE RIVER BELOW ROSS CREEK - STATION NO. 09EA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	1.08	1.06	1.05	1.38	22.3	19.5	10.3	11.3	7.77	3.46	2.62	1.67	6.97	1983
1984	0.840	0.878	1.30	1.78	23.2	16.9	8.36	8.37	6.14	3.41	2.07	1.71	6.28	1984
1985	1.48	1.15	1.30	1.30	22.5	35.8	7.36	8.78	6.71	4.86	2.12	1.63	7.83	1985
1986	1.35	1.08	0.827	0.901	15.4	29.6	7.71	14.1	7.83	2.95	1.67	1.35	7.08	1986
1987	1.30	1.28	1.15	1.25	28.7	31.8	7.83	8.83	8.98	7.38	4.07	2.45	8.78	1987
1988	1.47	1.04	1.16	1.84	41.0	16.9	12.4	8.77	6.42	3.38	2.38	2.11	8.48	1988
MEAN	1.25	1.08	1.13	1.41	25.7	25.4	9.12	8.88	8.11	4.26	2.47	1.77	7.57	MEAN

LOCATION - LAT 63 59 45 N, LONG 137 34 20 W DRAINAGE AREA, 880 km^2, NATURAL FLOW

LITTLE SOUTH KLONDIKE RIVER BELOW ROSS CREEK - STATION NO. 09EA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	185 AT 11:40 YST ON MAY 31	126 ON MAY 31	1.01 B ON JAN 24	220 000	1983
1984	86.5 AT 08:21 YST ON MAY 15	80.0 ON MAY 15	0.881B ON JAN 25 *	198 000	1984
1985	178 AT 04:23 YST ON JUN 7	131 ON JUN 7	1.03 B ON FEB 21	250 000	1985
1986	143 AT 08:26 YST ON JUN 8	105 ON JUN 8	0.780B ON MAR 25	223 000	1986
1987	280 AT 07:25 YST ON MAY 31 *	202 ON MAY 31 *	1.10 B ON MAR 5	278 000	1987
1988	203 AT 18:45 YST ON MAY 14	173 ON MAY 14	1.00 B ON FEB 19	287 000	1988
				239 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LUBBOCK RIVER NEAR ATLIN - STATION NO. 09AA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	1.12	0.978	0.980	1.14	1.10	0.871	---	1955
1956	0.725	0.800	---	---	---	2.61	2.12	1.37	1.88	1.74	2.18	2.08	---	1956
1957	1.84	---	---	---	---	---	---	2.23	2.02	2.22	---	---	---	1957
1958	---	---	---	---	---	---	---	---	0.887	---	---	---	---	1958
1959	---	---	---	---	---	---	2.88	1.90	2.38	---	---	---	---	1959
1960	---	---	---	---	5.71	7.27	5.05	2.72	1.77	2.54	---	---	---	1960
1961	---	---	---	---	---	---	5.72	3.15	3.07	3.54	---	---	---	1961
1962	---	---	---	---	---	---	---	4.42	5.01	5.54	---	---	---	1962
1963	---	---	---	---	---	---	---	---	---	5.54	5.38	5.38	---	1963
1964	4.89	4.15	3.88	3.11	8.42	13.6	8.85	8.04	5.38	---	---	---	---	1964
1965	---	---	---	---	---	10.0	4.81	2.39	2.48	3.52	---	---	---	1965
1966	---	---	---	---	8.82	8.19	4.80	3.00	3.13	3.55	---	---	---	1966
1967	---	---	---	---	11.1	10.8	6.33	3.75	3.44	3.56	3.25	3.09	---	1967
1968	2.49	2.13	2.07	2.00	4.75	4.48	3.00	2.79	4.61	5.54	5.08	4.00	3.61	1968
1969	3.09	2.80	3.07	2.98	6.08	8.39	4.33	5.84	8.42	7.67	5.71	4.84	5.13	1969
1970	4.28	4.15	3.83	4.00	8.70	8.23	2.78	1.74	2.87	4.23	4.43	5.30	4.08	1970
1971	3.71	3.36	3.14	3.18	7.35	7.48	3.87	2.22	2.88	3.24	2.78	2.78	3.82	1971
1972	2.82	2.88	2.85	3.82	11.0	10.2	5.85	4.82	4.38	4.82	4.88	3.88	5.84	1972
1973	3.38	3.00	3.87	3.37	7.82	8.76	3.72	3.32	3.73	3.81	3.38	3.20	3.83	1973
1974	2.31	1.78	1.83	3.15	8.48	8.70	8.35	8.83	8.38	7.03	8.31	4.80	8.24	1974
1975	4.07	3.00	3.08	3.28	7.48	8.38	4.47	3.85	4.45	4.49	3.58	3.09	4.20	1975
1976	3.28	3.14	2.88	4.85	12.2	9.83	6.05	5.33	4.75	4.84	4.91	4.18	5.80	1976
1977	3.81	3.87	3.24	4.20	7.80	9.26	7.33	5.48	4.88	5.84	5.44	4.35	5.43	1977
1978	3.83	3.23	2.78	3.13	5.85	4.83	3.17	2.88	2.73	3.02	3.34	3.85	3.44	1978
1979	2.28	1.83	2.28	3.28	8.31	8.88	11.2	7.22	5.13	4.88	4.23	3.82	5.10	1979
1980	3.22	3.27	3.20	3.80	7.38	4.08	2.38	3.17	2.78	4.38	4.85	3.83	3.75	1980
1981	3.81	3.84	4.48	4.41	8.80	7.73	8.31	3.14	3.38	4.41	4.40	3.48	4.82	1981
1983	2.81	2.08	1.58	1.84	3.84	2.88	1.90	1.72	2.10	2.55	2.77	2.18	2.32	1983
1984	2.33	2.58	2.57	2.18	3.18	2.85	1.78	1.60	2.07	2.41	2.33	2.42	2.38	1984
1985	3.01	2.85	3.04	3.52	6.80	8.42	2.85	1.88	1.84	2.87	2.20	2.44	3.48	1985
1986	2.84	2.37	2.32	2.88	4.82	5.10	2.81	2.48	2.87	5.75	4.33	4.31	3.88	1986
1987	3.78	3.00	3.41	3.92	8.44	9.23	8.63	3.38	3.13	3.34	2.73	2.78	4.07	1987
1988	2.38	2.28	3.12	4.34	8.89	4.84	8.33	8.80	4.74	4.98	4.19	3.33	4.37	1988
MEAN	3.08	2.81	2.83	3.31	7.32	7.18	4.81	3.43	3.43	4.17	3.93	3.48	4.18	MEAN

LOCATION - LAT 60 04 52 N DRAINAGE AREA, 1 770 km²
LONG 133 51 30 W NATURAL FLOW

LUBBOCK RIVER NEAR ATLIN - STATION NO. 09AA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	9.94 AT 13:00 YST ON MAY 13	9.63 ON MAY 13	---	---	1960
1961	8.41 AT 18:00 YST ON JUN 27	8.30 ON JUN 27	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	18.7 AT 21:00 YST ON JUN 7	18.5 ON JUN 7	2.898 ON MAY 1	---	1964
1965	14.3 AT 18:00 YST ON MAY 31	14.2 ON MAY 30	---	---	1965
1966	8.52 AT 18:00 YST ON MAY 21	8.44 ON MAY 21	---	---	1966
1967	15.1 AT 18:00 YST ON MAY 21	15.0 ON MAY 19	---	---	1967
1968	8.85 AT 09:45 YST ON MAY 22	8.54 ON JUN 1	1.715 ON APR 6	114 000	1968
1969	9.17 AT 20:00 YST ON MAY 28	9.15 ON MAY 28	2.858 ON FEB 6	182 000	1969
1970	8.35 AT 01:21 YST ON MAY 30	8.13 ON MAY 22	1.57 ON AUG 11	129 000	1970
1971	8.88 AT 10:18 YST ON MAY 29	8.85 ON MAY 27	1.46 ON AUG 28	121 000	1971
1972	23.8 AT 18:42 YST ON JUN 4 *	23.6 ON JUN 4 *	2.258 ON MAR 10	178 000	1972
1973	8.20 AT 00:07 YST ON MAY 20	8.12 ON MAY 17	3.838 ON MAR 23	124 000	1973
1974	13.0 AT 04:32 YST ON MAY 31	12.7 ON MAY 31	1.488 ON MAR 15	185 000	1974
1975	9.61 AT 22:20 YST ON MAY 18	9.43 ON MAY 18	2.638 ON FEB 10	132 000	1975
1976	---	13.4 A ON MAY 14	2.768 ON MAR 12	174 000	1976
1977	11.2 AT 08:40 YST ON JUN 8	11.2 ON JUN 8	3.038 ON MAR 13	171 000	1977
1978	8.57 AT 01:00 YST ON MAY 23	8.43 ON MAY 23	2.61 ON AUG 30	103 000	1978
1979	13.1 AT 11:48 YST ON JUL 13	13.0 ON JUL 13	1.748 ON FEB 10	161 000	1979
1980	8.75 AT 14:30 YST ON MAY 17	8.73 ON MAY 17	2.00E ON AUG 27	119 000	1980
1981	12.2 AT 22:00 YST ON MAY 18	12.2 ON MAY 18	2.78 ON AUG 28	182 000	1981
1983	4.47 AT 20:01 YST ON MAY 9	4.38 ON MAY 9	1.41B ON APR 14 *	73 200	1983
1984	3.98 AT 01:41 YST ON MAY 21	3.89 ON MAY 21	1.47 ON AUG 25	74 800	1984
1985	12.0 AT 18:24 YST ON JUN 2	11.8 ON MAY 30	1.89B ON DEC 3	110 000	1985
1986	7.10 AT 00:18 YST ON OCT 26	7.08 ON OCT 27	2.01B ON MAR 4	113 000	1986
1987	12.7 AT 05:38 YST ON JUN 6	12.2 ON JUN 6	2.00B ON MAR 4	128 000	1987
1988	8.81 AT 14:38 YST ON JUL 21	8.68 ON JUL 21	1.90B ON FEB 6	138 000	1988
				132 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

M'CLINTOCK RIVER NEAR WHITEHORSE - STATION NO. 09AB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	2.08	1.85	2.47	15.8	15.0	9.05	5.37	8.48	5.59	3.45	2.58	---	1956
1957	2.17	2.06	1.81	4.20	42.0	30.8	13.8	8.81	7.27	8.29	7.00	3.33	10.8	1957
1958	2.73	2.37	2.58	2.58	11.3	9.88	3.34	3.08	3.94	---	---	---	---	1958
1959	2.31	1.81	1.74	1.85	---	24.5	9.09	13.1	12.7	7.01	3.86	3.47	---	1959
1960	2.88	2.48	2.03	---	---	21.8	11.5	11.2	11.2	6.42	5.68	3.68	---	1960
1961	3.08	2.88	2.88	2.88	---	33.7	15.8	14.2	16.1	12.7	5.38	4.81	---	1961
1962	3.88	3.45	3.45	3.45	18.2	57.0	22.4	11.3	10.8	---	---	---	---	1962
1963	---	---	---	---	---	28.5	27.8	14.4	16.7	17.0	---	---	---	1963
1964	---	---	---	---	---	---	16.7	12.3	---	---	---	---	---	1964
1965	---	---	---	---	12.1	21.5	10.7	5.35	8.02	6.31	3.85	3.02	---	1965
1966	2.62	2.43	2.30	4.28	11.7	29.2	13.0	12.8	12.9	11.8	7.27	5.21	9.61	1966
1967	4.10	3.41	3.15	3.24	24.3	44.6	17.1	13.8	12.7	8.22	5.65	3.84	12.1	1967
1968	3.34	3.18	3.08	3.30	21.4	19.2	12.3	13.3	16.3	12.8	6.58	3.58	8.80	1968
1969	2.87	3.07	3.01	3.62	23.2	28.0	18.0	18.0	18.4	12.1	7.38	5.54	12.2	1969
1970	3.88	3.38	3.33	3.35	15.8	13.4	8.28	8.82	8.78	8.78	5.10	3.61	7.18	1970
1971	3.08	3.17	3.07	3.00	10.4	32.1	12.3	8.18	8.08	8.18	3.87	2.34	8.15	1971
1972	2.78	2.32	1.88	2.08	20.2	44.3	12.3	13.3	8.78	7.71	5.53	4.07	10.8	1972
1973	3.10	2.48	2.82	2.88	15.7	31.3	18.8	11.1	12.3	8.20	3.94	2.74	8.82	1973
1974	2.72	2.88	2.73	2.87	23.2	28.7	14.2	18.4	13.8	10.2	6.81	4.88	10.5	1974
1975	3.81	2.90	2.87	3.30	20.1	25.8	20.5	---	---	---	5.88	4.23	---	1975
1976	3.82	3.27	3.43	3.87	17.5	36.2	16.5	9.70	8.62	6.84	4.84	3.88	9.83	1976
1977	3.82	3.61	3.23	3.88	13.1	28.4	20.3	11.8	10.8	10.7	5.77	3.41	9.81	1977
1978	2.88	2.70	2.62	2.88	13.8	17.8	7.82	---	---	---	4.21	2.88	---	1978
1979	2.80	2.44	2.88	3.35	16.8	25.4	25.5	11.8	9.75	9.15	6.30	4.11	10.2	1979
1980	3.28	3.02	2.72	3.84	13.8	18.7	8.42	10.2	14.4	15.8	9.82	4.87	8.02	1980
1981	4.32	4.10	4.14	4.44	28.7	19.8	17.7	9.34	9.77	9.68	5.87	4.38	10.1	1981
1982	2.88	2.48	2.01	1.72	12.3	32.8	9.88	7.38	7.28	7.35	5.34	3.72	7.81	1982
1983	3.23	3.28	3.20	3.42	15.0	20.2	12.4	7.68	10.2	8.15	3.00	2.18	7.88	1983
1984	2.08	2.88	3.10	2.88	14.0	18.1	9.38	8.43	9.37	7.08	4.17	3.73	7.28	1984
1985	3.30	2.88	2.81	3.14	15.0	31.8	20.3	9.85	8.68	7.18	3.88	3.88	9.48	1985
1986	3.28	2.81	2.40	3.15	10.8	32.9	22.0	14.2	11.7	14.6	7.12	4.80	10.8	1986
1987	3.97	3.62	3.03	4.23	16.3	27.8	13.5	7.82	7.12	7.80	5.10	3.62	8.87	1987
1988	2.45	2.88	2.88	3.19	22.4	24.1	32.7	18.2	11.8	11.1	8.38	5.24	12.2	1988
MEAN	3.12	2.84	2.74	3.20	17.8	27.2	15.3	11.3	10.9	9.52	5.68	3.84	9.70	MEAN

LOCATION - LAT 60 38 45 N
LONG 134 27 27 W

DRAINAGE AREA, 1 700 km²
NATURAL FLOW

M'CLINTOCK RIVER NEAR WHITEHORSE - STATION NO. 09AB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	30.0 AT 08:00 YST ON MAY 21	28.0 ON MAY 21	1.83B ON MAR 10	---	1956
1957	---	82.3A ON MAY 22	1.67B ON MAR 14	344 000	1957
1958	33.7 AT 12:00 YST ON MAY 24	28.8 ON MAY 24	2.32B ON FEB 10	---	1958
1959	40.8 AT 16:00 YST ON JUN 3	37.9 ON MAY 29	1.70B ON MAR 29	---	1959
1960	43.3 AT 11:30 YST ON MAY 27	39.4 ON MAY 27	1.88B ON MAR 10	---	1960
1961	---	---	2.68B ON FEB 1	---	1961
1962	---	75.8E ON JUN 17	3.46B ON FEB 1	---	1962
1963	74.2 AT 18:00 YST ON MAY 23	69.1 ON MAY 23	---	---	1963
1964	89.5 AT 20:00 YST ON JUN 6	68.3A ON JUN 6	---	---	1964
1965	38.8 AT 12:18 YST ON JUN 1	36.5 ON MAY 31	---	---	1965
1966	80.8 AT 13:30 YST ON JUN 8	59.4 ON JUN 9	2.27B ON MAR 23	303 000	1966
1967	85.2 AT 13:30 YST ON MAY 31	62.4 ON MAY 31	3.03E ON APR 1	381 000	1967
1968	69.4 AT 08:30 YST ON MAY 23	66.0 ON MAY 23	3.03B ON MAR 8	310 000	1968
1969	84.6 AT 19:00 YST ON MAY 26	69.5 ON MAY 26	2.76B ON MAR 17	384 000	1969
1970	26.0 AT 14:17 YST ON MAY 14	25.8 ON MAY 23	3.23B ON APR 3	227 000	1970
1971	48.3 AT 14:26 YST ON JUN 10	44.2 ON JUN 10	2.68B ON JAN 16	267 000	1971
1972	113 * AT 00:44 YST ON JUN 1 *	104 * ON JUN 1 *	1.80B ON MAR 6	332 000	1972
1973	45.0 AT 04:26 YST ON JUN 11	44.5 ON JUN 11	2.24B ON FEB 13	300 000	1973
1974	77.0 AT 13:02 YST ON MAY 26	74.3 ON MAY 26	2.68B ON JAN 1	331 000	1974
1975	61.5 AT 10:36 YST ON JUN 3	47.8 ON JUN 3	2.53B ON MAR 24	---	1975
1976	86.4 AT 16:17 YST ON JUN 5	61.7 ON JUN 5	2.63B ON FEB 27	311 000	1976
1977	42.5 AT 11:42 YST ON JUN 3	40.8 ON JUN 3	2.88B ON MAR 22	313 000	1977
1978	30.3 AT 15:35 YST ON JUN 5	27.4 ON JUN 5	---	---	1978
1979	48.4 AT 12:20 YST ON JUL 7	44.0 ON JUL 7	2.21B ON FEB 9	322 000	1979
1980	36.6 AT 14:07 YST ON JUN 8	31.4 ON JUN 5	2.88B ON MAR 14	285 000	1980
1981	---	46.0E ON MAY 23	3.40B ON DEC 31	320 000	1981
1982	58.8 AT 18:43 YST ON JUN 8	52.8 ON JUN 8	1.67B ON APR 21 *	250 000	1982
1983	46.1 AT 18:47 YST ON MAY 31	38.0 ON JUN 1	1.83B ON DEC 28	242 000	1983
1984	30.7 AT 13:31 YST ON JUN 6	28.7 ON JUN 6	1.81B ON JAN 26	229 000	1984
1985	77.4 AT 02:11 YST ON JUN 6	71.4 ON JUN 5	2.53B ON FEB 20	288 000	1985
1986	84.3 AT 18:30 YST ON JUN 7	56.9 ON JUN 7	3.30B ON MAR 24	341 000	1986
1987	67.2 AT 11:51 YST ON JUN 1	64.9 ON JUN 1	2.68B ON DEC 31	270 000	1987
1988	63.0 AT 00:26 YST ON JUL 17	60.1 ON JUL 17	2.30B ON JAN 12	367 000	1988
				308 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACMILLAN RIVER NEAR THE MOUTH - STATION NO. 09BB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	12.8	13.0	15.8	---	---	---	---	137	122	76.3	44.8	21.0	---	1984
1985	15.7	11.8	10.1	14.1	185	558	380	215	154	102	28.2	18.7	138	1985
1986	13.8	8.24	5.22	8.89	303	846	302	251	232	128	54.8	36.0	185	1986
1987	25.1	23.4	18.8	19.8	264	485	240	159	147	121	48.7	37.4	130	1987
1988	28.5	21.0	18.2	25.7	408	526	341	227	148	123	64.7	32.3	151	1988
MEAN	16.7	15.4	13.8	16.8	282	606	311	198	159	110	48.4	29.1	148	MEAN

LOCATION - LAT 62 53 35 N DRAINAGE AREA, 13 800 km²
LONG 138 30 35 W NATURAL FLOW

MACMILLAN RIVER NEAR THE MOUTH - STATION NO. 09BB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1984	435	---	11.2 B ON JAN 28	---	1984
1985	940 AT 10:43 YST ON JUN 8 *	935 ON JUN 8 *	9.50B ON MAR 10	4 350 000	1985
1986	864 AT 04:00 YST ON JUN 12	843 ON JUN 12	4.48B ON APR 12 *	3 200 000	1986
1987	741 AT 05:45 YST ON JUN 4	738 ON JUN 4	17.5 B ON MAR 17	4 090 000	1987
1988	746 AT 10:04 YST ON MAY 19	730 ON MAY 19	17.8 B ON APR 5	4 770 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 800 000	MEAN

MAYO RIVER NEAR MAYO - STATION NO. 09DC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	31.8	21.2	15.8	---	1945
1946	10.9	4.81	---	---	---	58.1	17.4	15.0	15.2	11.0	7.11	4.15	---	1946
1947	---	---	3.45	8.85	44.2	52.0	19.5	---	---	---	---	---	---	1947
1948	---	---	---	---	---	107	76.0	37.3	21.3	---	---	---	---	1948
1950	---	---	---	---	---	32.8	16.7	10.5	8.82	10.8	---	---	---	1950
MEAN	10.9	4.81	3.45	8.85	44.2	82.5	32.4	20.9	15.4	17.8	14.2	10.4	---	MEAN

LOCATION - LAT 63 42 07 N DRAINAGE AREA, 2 280 km²
LONG 135 51 43 W REGULATED

MAYO RIVER NEAR MAYO - STATION NO. 09DC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1945	---	---	---	---	1945
1946	---	89.1 ON MAY 27	---	---	1946
1947	---	114 ON MAY 26	---	---	1947
1948	---	131 ON JUN 6 *	---	---	1948
1950	---	37.7 ON JUN 21	---	---	1950
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MCQUESTEN RIVER NEAR THE MOUTH - STATION NO. 09DD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	7.82	6.83	6.83	8.12	143	111	109	58.8	52.8	50.7	33.2	14.5	50.3	1979
1980	8.81	8.47	8.88	13.4	110	89.2	45.5	50.0	45.3	42.7	27.5	13.4	38.7	1980
1981	10.4	8.83	8.38	8.31	75.9	71.4	66.5	42.9	58.8	38.7	18.2	10.3	33.8	1981
1982	8.70	8.12	8.58	8.72	93.0	130	53.1	28.2	22.3	18.2	11.8	9.23	32.8	1982
1983	7.84	7.43	8.87	7.87	88.5	87.8	43.5	27.1	42.8	18.7	13.9	9.41	36.4	1983
1984	7.32	6.74	7.70	12.0	108	84.8	48.1	28.5	28.2	17.7	10.2	8.82	31.3	1984
1985	7.72	6.48	8.17	8.28	95.2	184	48.2	38.4	34.2	24.7	13.3	7.84	37.8	1985
1986	7.84	7.18	6.78	8.78	108	154	40.4	37.3	29.8	19.7	8.85	7.82	35.9	1986
1987	7.48	7.34	7.23	7.81	118	131	41.8	24.2	54.8	41.8	18.1	15.2	38.7	1987
1988	10.6	8.48	8.32	18.7	197	---	---	---	---	29.8	14.4	10.3	---	1988
MEAN	8.24	7.00	8.88	9.28	118	118	54.1	40.0	40.8	30.0	17.1	10.7	37.2	MEAN

LOCATION - LAT 63 38 40 N DRAINAGE AREA, 2 870 km²
LONG 137 16 10 W NATURAL FLOW

MCQUESTEN RIVER NEAR THE MOUTH - STATION NO. 09DD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	232 AT 02:25 YST ON MAY 26	229 ON MAY 26	5.648 ON FEB 9	1 580 000	1979
1980	188 AT 15:30 YST ON MAY 15	183 ON MAY 15	5.888 ON JAN 30	1 220 000	1980
1981	---	152A ON MAY 19	4.888 ON FEB 15 *	1 080 000	1981
1982	242 AT 04:45 YST ON MAY 30	237 ON MAY 30	5.188 ON MAR 30	1 030 000	1982
1983	276 AT 11:02 YST ON JUN 1	269 ON JUN 1	5.608 ON MAR 27	1 080 000	1983
1984	193 AT 00:48 YST ON MAY 21	192 ON MAY 20	5.758 ON JAN 26	988 000	1984
1985	303 AT 11:17 YST ON JUN 8	290 ON JUN 8	5.848 ON MAR 9	1 190 000	1985
1986	318 AT 09:23 YST ON MAY 29	314 ON MAY 29	5.808 ON APR 11	1 130 000	1986
1987	320 AT 18:18 YST ON JUN 1 *	315 ON JUN 1	7.188 ON APR 8	1 260 000	1987
1988	---	305E ON MAY 14 *	8.078 ON MAR 27	---	1988
				1 170 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NISUTLIN RIVER ABOVE WOLF RIVER - STATION NO. 09AD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	15.8	13.8	14.8	21.0	158	358	239	109	87.0	72.7	37.1	22.0	84.3	1979
1980	18.7	16.8	14.4	14.0	122	300	136	117	98.5	117	62.0	33.1	87.8	1980
1981	25.5	20.6	19.0	16.9	249	282	147	73.9	118	87.3	62.6	27.1	83.6	1981
1982	17.2	13.2	11.0	10.1	78.5	282	108	51.6	60.8	84.8	35.0	24.8	62.4	1982
1983	17.6	13.4	12.5	37.4	214	374	145	86.6	95.8	88.5	34.0	21.9	92.7	1983
1984	15.9	14.6	15.8	21.3	92.6	318	144	83.3	78.5	88.9	32.8	19.8	74.5	1984
1985	13.2	11.0	12.6	14.7	127	394	237	92.8	72.8	80.1	20.8	15.7	88.6	1985
1986	14.8	13.1	11.8	11.8	102	441	304	105	84.0	115	88.9	33.1	109	1986
1987	24.5	18.3	13.5	15.5	144	339	172	82.6	81.4	102	55.4	36.3	80.8	1987
1988	23.4	17.7	15.7	15.2	250	378	269	109	79.1	108	78.4	48.4	117	1988
MEAN	18.7	15.3	14.2	18.2	154	346	190	91.1	82.7	84.2	48.9	28.1	91.1	MEAN

LOCATION - LAT 60 20 35 N, LONG 132 32 41 W
DRAINAGE AREA, 8 030 km^2
NATURAL FLOW

NISUTLIN RIVER ABOVE WOLF RIVER - STATION NO. 09AD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	490 AT 18:43 YST ON JUN 4	489 ON JUN 4	12.7 B ON FEB 13	2 870 000	1979
1980	483 AT 15:40 YST ON JUN 9	482 ON JUN 9	13.8 B ON APR 12	2 770 000	1980
1981	545 AT 17:44 YST ON MAY 29	541 ON MAY 29	15.4 B ON APR 15	2 850 000	1981
1982	503 AT 18:27 YST ON JUN 11	500 ON JUN 11	8.755 ON APR 15 *	1 870 000	1982
1983	686 AT 18:30 YST ON JUN 5 *	671 ON JUN 5	11.5 B ON MAR 25	2 820 000	1983
1984	436 AT 18:04 YST ON JUN 14	432 ON JUN 14	13.0 B ON FEB 28	2 380 000	1984
1985	684 AT 11:14 YST ON JUN 8	675 ON JUN 8 *	10.4 B ON FEB 11	2 820 000	1985
1986	627 AT 12:44 YST ON JUN 10	612 ON JUN 10	10.4 B ON APR 10	3 440 000	1986
1987	636 AT 22:02 YST ON JUN 3	625 ON JUN 3	12.9 B ON MAR 22	2 880 000	1987
1988	576 AT 18:46 YST ON JUN 13	571 ON JUN 13	15.0 B ON APR 8	3 590 000	1988
				2 880 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORDENSKIOLD RIVER BELOW ROWLINSON CREEK - STATION NO. 09AH004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	25.0	18.4	11.8	8.00	6.84	---	1982
1983	3.60	3.38	3.88	8.35	58.8	51.4	24.8	28.5	18.2	11.3	8.58	5.43	18.8	1983
1984	3.32	3.07	2.95	3.87	21.4	36.9	18.3	7.38	10.3	9.08	6.00	5.34	8.95	1984
1985	3.11	2.85	2.88	3.88	42.8	42.2	18.7	18.8	18.8	12.7	8.75	6.28	14.9	1985
1986	4.53	4.38	3.01	3.47	48.3	58.3	23.8	20.7	23.7	23.8	8.74	7.32	18.1	1986
1987	3.71	3.58	3.11	4.88	38.1	30.3	13.0	8.88	8.62	7.88	5.13	4.18	10.9	1987
1988	3.78	3.81	4.01	5.08	43.1	38.2	28.8	43.8	21.8	18.3	8.84	7.13	20.1	1988
MEAN	3.34	3.03	3.88	4.83	41.8	38.8	25.8	22.0	17.2	12.8	7.10	4.83	15.4	MEAN

LOCATION - LAT 62 03 00 N, LONG 136 16 45 W
DRAINAGE AREA, 6 370 km^2
NATURAL FLOW

NORDENSKIOLD RIVER BELOW ROWLINSON CREEK - STATION NO. 09AH004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	244 AT 22:30 YST ON JUN 3 *	185 ON JUN 4 *	2.308 ON DEC 31	588 000	1983
1984	88.8 AT 08:04 YST ON JUN 5	88.6 ON JUN 5	2.198 ON JAN 24	282 000	1984
1985	86.0 AT 04:25 YST ON MAY 27	85.7 ON MAY 27	2.388 ON FEB 20	470 000	1985
1986	118 AT 10:37 YST ON MAY 31	118 ON MAY 31	2.808 ON MAR 21	601 000	1986
1987	76.0 AT 21:15 YST ON MAY 16	71.2 ON MAY 16	2.008 ON MAR 5 *	344 000	1987
1988	106 AT 05:20 YST ON JUL 17	103 ON JUL 17	2.308 ON JAN 28	534 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		486 000	MEAN

NORTH KLONDIKE RIVER NEAR THE MOUTH - STATION NO. 09EA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	8.84	11.8	9.14	4.81	3.34	2.81	---	1974
1975	2.03	2.18	2.06	1.88	28.8	58.7	26.7	16.6	17.8	11.2	5.26	3.10	15.0	1975
1976	2.71	2.16	1.76	2.35	16.6	47.1	16.1	13.6	8.61	5.77	3.20	1.84	10.6	1976
1977	2.33	2.74	2.07	2.88	22.3	59.3	20.1	11.8	8.31	7.88	3.88	2.68	12.2	1977
1978	2.47	2.24	1.88	2.64	12.4	36.8	18.4	10.4	11.2	8.71	4.58	3.33	8.84	1978
1979	2.37	1.78	1.83	2.26	27.9	81.4	43.6	18.1	14.8	11.0	6.51	3.41	18.8	1979
1980	2.82	2.22	2.11	2.18	24.6	48.4	32.8	24.0	18.8	10.8	4.88	1.97	12.3	1980
1981	2.42	2.38	2.84	2.84	28.2	28.1	32.2	26.8	23.8	16.7	8.38	5.44	15.1	1981
1982	2.76	2.37	2.32	2.88	18.2	63.8	22.8	12.0	11.4	8.83	4.17	2.96	13.8	1982
1983	2.82	2.32	2.17	2.28	14.1	41.7	17.8	16.1	12.1	8.68	6.48	4.08	10.8	1983
1984	2.88	1.87	1.82	2.40	18.8	42.3	21.8	13.4	9.18	8.98	3.42	2.88	10.4	1984
1985	2.24	1.88	2.22	2.17	22.4	63.8	28.8	18.3	14.3	8.46	3.86	2.80	14.3	1985
1986	2.81	2.62	2.33	2.21	11.4	46.4	33.8	23.8	12.2	8.87	4.88	3.28	11.8	1986
1987	2.87	2.38	2.13	2.22	17.8	44.2	17.3	13.8	12.5	12.2	6.60	4.53	11.8	1987
1988	3.11	2.26	2.14	4.38	46.8	88.1	27.8	20.8	20.3	10.8	6.12	4.02	17.2	1988
MEAN	2.66	2.24	2.18	2.60	22.0	48.4	23.6	16.8	13.8	8.87	4.84	3.23	12.8	MEAN

LOCATION - LAT 64 01 18 N, LONG 138 34 58 W. DRAINAGE AREA, 1 100 km^2. NATURAL FLOW

NORTH KLONDIKE RIVER NEAR THE MOUTH - STATION NO. 09EA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	95.1 AT 06:42 YST ON JUN 4	85.8 ON JUN 4	1.788 ON JAN 8	473 000	1975
1976	85.8 ON JUN 19	80.1A ON JUN 19	1.848 ON MAR 30 *	331 000	1976
1977	86.8 AT 03:40 YST ON JUN 3	77.8 ON JUN 3	1.848 ON MAR 23	386 000	1977
1978	84.0 AT 18:04 YST ON JUN 17	82.7 ON JUN 17	1.878 ON MAR 31	310 000	1978
1979	88.8 AT 22:55 YST ON JUL 8	82.8 ON JUL 8	1.708 ON FEB 12	488 000	1979
1980	111 AT 06:22 YST ON JUN 7	86.7 ON JUN 7	1.888 ON DEC 18	421 000	1980
1981	86.1 AT 08:00 YST ON MAY 28	87.2A ON MAY 28	1.738 ON FEB 12	475 000	1981
1982	166 AT 03:00 YST ON JUN 8	137 ON JUN 8	2.178 ON MAR 18	383 000	1982
1983	163 AT 08:53 YST ON JUN 1	140 ON JUN 1 *	2.068 ON MAR 28	340 000	1983
1984	78.1 AT 08:41 YST ON JUN 13	88.4 ON JUN 13	1.788 ON FEB 23	338 000	1984
1985	184 ON JUN 7 *	131 ON JUN 8	1.808 ON FEB 22	450 000	1985
1986	128 AT 11:23 YST ON JUN 6	113 ON JUN 6	2.138 ON APR 8	372 000	1986
1987	111 AT 07:50 YST ON MAY 31	90.7 ON MAY 31	2.108 ON MAR 9	384 000	1987
1988	101 AT 08:47 YST ON JUN 8	84.0E ON MAY 13	2.068 ON FEB 28	844 000	1988
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		408 000	MEAN

OGILVIE RIVER AT KILOMETRE 187.8 DEMPSTER HIGHWAY - STATION NO. 10MA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	46.8	52.8	---	8.82	3.80	2.17	---	1974
1975	0.880	0.674	0.711	0.837	200	123	33.0	57.8	44.0	8.88	4.03	2.01	40.1	1975
1976	1.35	1.08	0.923	1.08	84.7	86.2	26.8	30.8	17.7	4.32	2.83	1.78	22.4	1976
1977	1.48	1.53	1.08	1.19	171	123	24.3	13.8	21.0	14.0	4.38	1.30	31.7	1977
1978	1.18	0.884	0.818	0.873	72.8	118	28.7	18.0	30.8	18.1	8.88	4.42	24.4	1978
1979	3.88	2.82	2.84	2.28	203	78.1	128	78.3	42.4	18.3	8.82	3.48	47.8	1979
1980	1.83	1.24	1.11	1.28	120	48.0	28.8	83.4	38.8	10.8	3.88	2.21	27.7	1980
1981	1.11	0.788	0.834	0.880	108	48.4	122	80.1	30.8	13.3	3.86	1.88	32.1	1981
1982	1.12	0.887	0.808	0.730	188	101	28.1	31.2	40.3	17.0	8.10	2.37	33.0	1982
1983	1.22	0.808	0.733	0.881	80.8	103	41.8	38.8	27.8	18.8	6.17	3.08	27.7	1983
1984	0.788	0.383	0.314	0.548	120	88.8	78.2	38.7	28.8	8.44	3.08	1.22	30.8	1984
1985	0.711	0.712	0.828	0.888	130	---	---	---	---	20.1	4.28	1.38	---	1985
1986	1.18	0.888	0.801	0.720	20.2	81.1	30.1	88.3	23.8	8.02	3.03	2.28	18.8	1986
1987	1.47	1.07	1.11	1.25	118	83.3	47.8	88.0	48.3	17.4	8.21	3.48	33.1	1987
1988	1.80	1.10	1.08	1.88	180	70.0	48.8	78.2	88.0	18.4	8.80	3.23	38.3	1988
MEAN	1.40	1.07	0.883	1.08	128	88.4	80.3	81.8	33.8	13.1	4.87	2.41	31.2	MEAN

LOCATION - LAT 65 21 48 N, LONG 138 17 80 W. DRAINAGE AREA, 8 410 km^2. NATURAL FLOW

DEILVIE RIVER AT KILOMETRE 187.9 DEMPSTER HIGHWAY - STATION NO. 10MA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	878 ON MAY 31 *	883A ON MAY 31	0.5758 ON FEB 12	1 280 000	1975
1976	442 AT 11:48 YST ON JUN 18	411 ON JUN 18	0.7838 ON MAR 30	708 000	1976
1977	498 AT 08:20 YST ON MAY 20	487 ON MAY 20	0.8068 ON MAR 24	888 000	1977
1978	283 AT 17:48 YST ON JUN 2	271 ON JUN 2	0.6728 ON MAR 23	788 000	1978
1979	447 AT 18:20 YST ON MAY 28	434 ON MAY 23	2.06 B ON APR 28	1 510 000	1979
1980	407 AT 18:37 YST ON MAY 17	381 ON MAY 17	1.06 B ON MAR 12	878 000	1980
1981	---	682A ON JUL 20	0.7018 ON FEB 16	1 010 000	1981
1982	830 AT 03:11 YST ON MAY 27	818 ON MAY 27	0.8858 ON APR 15	1 040 000	1982
1983	367 AT 23:28 YST ON MAY 30	378 ON MAY 30	0.5828 ON APR 22	871 000	1983
1984	388 AT 14:11 YST ON JUL 28	338 ON JUL 28	0.3018 ON MAR 17 *	878 000	1984
1985	838 AT 04:32 YST ON MAY 31	778 ON MAY 31 *	0.6888 ON APR 21	---	1985
1986	237 AT 22:02 YST ON JUN 1	323 ON JUN 1	0.7048 ON APR 23	894 000	1986
1987	828 AT 20:33 YST ON MAY 23	480 ON MAY 23	1.01 B ON FEB 15	1 040 000	1987
1988	418 AT 18:00 YST ON MAY 24	411 ON MAY 24	1.02 B ON APR 7	1 180 000	1988
				885 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OLD CROW RIVER NEAR THE MOUTH - STATION NO. 09FC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	18.4	18.0	10.7	6.12	3.42	---	1976
1977	1.95	1.21	1.18	1.21	81.4	634	88.3	23.1	17.2	17.8	6.37	3.20	73.1	1977
1978	1.28	1.06	0.988	0.921	13.8	288	80.3	14.0	8.38	8.03	3.80	2.03	35.8	1978
1979	0.881	0.580	0.614	0.763	81.2	78.1	18.4	9.48	45.2	22.8	8.88	3.48	32.8	1979
1980	0.812	0.872	0.801	0.485	118	328	87.0	148	87.8	32.2	8.08	2.88	88.0	1980
1981	1.41	0.847	0.737	0.803	---	---	---	---	---	---	7.08	5.11	---	1981
1982	0.891	0.134	0.128	0.838	12.1	316	48.0	8.82	38.4	8.88	1.28	0.480	38.8	1982
1984	0.238	0.088	0.038	0.088	137	238	87.7	83.4	48.0	14.7	1.88	0.898	48.8	1984
1985	0.721	0.801	0.838	0.481	31.0	82.2	31.8	8.27	7.88	4.27	1.78	0.810	15.0	1985
1986	0.278	0.022	0.084	0.267	2.87	182	38.4	88.8	81.1	8.28	2.47	1.81	31.7	1986
1987	1.08	0.884	0.804	0.722	118	177	18.8	48.8	83.8	11.0	3.18	1.28	38.2	1987
1988	0.823	0.721	0.718	1.03	83.1	---	---	38.7	87.8	18.2	2.40	1.01	---	1988
MEAN	0.832	0.808	0.878	0.888	88.8	281	48.4	38.4	48.1	12.8	4.32	2.02	48.1	MEAN

LOCATION - LAT. 87 38 04 N, LONG 138 41 47 W
DRAINAGE AREA, 13 800 km^2
NATURAL FLOW

OLD CROW RIVER NEAR THE MOUTH - STATION NO. 09FC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	817 ON JUN 5	888A ON JUN 5	---	---	1976
1977	1 710 AT 11:20 YST ON JUN 4 *	1 680 ON JUN 4 *	1.13 B ON MAR 30	2 300 000	1977
1978	778 AT 01:18 YST ON JUN 5	787 ON JUN 5	0.8388 ON APR 5	1 130 000	1978
1979	173 AT 23:40 YST ON MAY 24	188 ON MAY 24	0.5248 ON FEB 12	713 000	1979
1980	---	1 0008 ON MAY 28	0.4118 ON APR 10	2 080 000	1980
1981	737 AT 17:30 YST ON MAY 28	730 ON MAY 28	0.8878 ON MAR 28	---	1981
1982	---	788A ON JUN 5	0.1148 ON MAR 2	1 130 000	1982
1984	788 AT 20:41 YST ON MAY 28	781 ON MAY 30	0.0378 ON MAR 17	1 470 000	1984
1985	---	3108 ON MAY 30	0.4888 ON MAY 5	474 000	1985
1986	---	838A ON JUN 5	0 B ON FEB 5 *	1 000 000	1986
1987	888 AT 01:18 YST ON MAY 28	835 ON MAY 28	0.8838 ON MAY 7	1 110 000	1987
1988	488 AT 00:87 YST ON JUN 1	481 ON MAY 31	0.8908 ON FEB 28	---	1988
				1 270 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PEEL RIVER ABOVE CANYON CREEK - STATION NO. 10MA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	662	486	309	---	---	---	---	1962
1963	---	24.4	24.4	26.2	906	445	332	266	77.6	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	---	---	427	765	658	424	---	---	---	---	1965
1966	---	---	---	---	---	---	286	190	126	80.6	36.1	20.0	---	1966
1969	18.9	18.4	18.2	68.4	380	341	98.3	150	154	83.4	33.3	33.6	118	1969
1970	21.2	18.6	18.7	18.0	218	618	427	383	266	70.2	33.8	26.6	182	1970
1971	19.3	17.9	18.3	17.1	1 200	639	288	449	318	108	61.6	31.8	288	1971
1972	22.0	18.6	20.6	22.3	373	774	218	236	268	102	62.0	30.6	178	1972
1973	24.6	18.6	12.3	12.6	---	---	---	674	330	114	43.6	27.6	---	1973
1974	16.3	18.2	18.6	18.6	188	383	280	481	187	73.8	80.3	48.0	143	1974
1975	28.6	20.1	19.4	21.1	824	874	335	288	302	108	47.6	37.6	218	1975
1976	30.0	19.8	18.1	18.6	383	488	218	281	188	122	63.1	31.8	183	1976
1977	28.4	21.8	17.3	19.3	884	884	210	106	103	70.2	46.7	33.8	182	1977
1978	28.6	22.3	20.0	18.1	75.8	778	---	---	188	108	38.4	28.6	---	1978
1979	21.8	17.4	18.4	21.6	1 100	884	848	478	267	184	102	46.3	321	1979
1980	31.3	28.7	28.7	24.8	380	881	338	508	270	103	34.6	18.7	187	1980
1981	13.0	12.6	14.3	18.7	744	304	801	288	207	122	63.6	38.8	183	1981
1982	22.8	22.6	21.4	20.8	716	888	318	247	178	97.8	48.2	32.2	182	1982
1983	26.4	24.0	23.0	21.4	882	881	203	183	193	70.2	34.6	22.0	184	1983
1984	18.6	17.1	18.4	26.3	---	---	---	---	186	88.4	47.6	26.6	---	1984
1985	18.4	18.7	20.0	20.6	837	738	328	186	313	136	61.6	26.6	181	1985
1986	22.3	21.0	18.8	20.0	72.8	888	271	447	316	88.7	60.7	36.7	188	1986
1987	26.1	22.1	18.7	18.8	872	433	287	336	286	182	82.8	33.7	184	1987
1988	24.7	20.8	18.1	23.7	483	483	288	343	316	148	88.8	43.2	188	1988
MEAN	22.7	18.8	18.8	21.8	830	687	341	340	237	103	80.1	31.8	188	MEAN

LOCATION - LAT. 68 53 40 N, LONG 135 02 10 W. DRAINAGE AREA, 25 700 km². NATURAL FLOW

PEEL RIVER ABOVE CANYON CREEK - STATION NO. 10MA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	2 310 AT 08:00 YST ON MAY 31	2 150 ON MAY 32	24.48 ON FEB 1	---	1963
1964	5 920 AT 04:20 YST ON JUN 4 *	5 720 ON JUN 4 *	---	---	1964
1965	2 690 AT 17:30 YST ON JUL 8	2 330 ON JUL 8	---	---	1965
1966	---	---	---	---	1966
1969	1 380 AT 23:00 YST ON MAY 24	1 270 ON MAY 24	14.78 ON MAR 19	3 810 000	1969
1970	---	1 850E ON MAY 27	15.08 ON MAR 4	5 720 000	1970
1971	---	4 220E ON MAY 21	15.68 ON APR 11	5 080 000	1971
1972	2 660 AT 08:40 YST ON MAY 30	2 380A ON MAY 30	16.28 ON JAN 24	5 830 000	1972
1973	---	---	11.48 ON MAR 21 *	---	1973
1974	---	881E ON MAY 30	14.38 ON MAR 9	4 810 000	1974
1975	2 440 ON MAY 31	2 380E ON MAY 31	16.18 ON MAR 17	5 880 000	1975
1976	1 110 AT 17:00 YST ON JUN 20	1 010 ON JUN 20	14.78 ON APR 1	4 840 000	1976
1977	---	1 700E ON MAY 21	16.38 ON MAR 26	5 130 000	1977
1978	1 390 AT 18:45 YST ON JUN 28	1 310 ON JUN 28	16.38 ON APR 7	---	1978
1979	---	3 110E ON MAY 23	16.08 ON FEB 13	10 100 000	1979
1980	---	1 480E ON MAY 28	13.08 ON DEC 28	5 830 000	1980
1981	---	2 080E ON MAY 12	13.98 ON FEB 16	6 080 000	1981
1982	---	3 800E ON MAY 28	16.78 ON APR 14	6 040 000	1982
1983	---	1 880E ON MAY 29	16.88 ON APR 24	5 180 000	1983
1984	---	---	16.78 ON FEB 8	---	1984
1985	2 020 AT 21:12 YST ON MAY 31	1 810 ON JUN 2	17.78 ON FEB 28	5 030 000	1985
1986	2 030 AT 10:34 YST ON AUG 15	1 880 ON AUG 15	16.68 ON MAR 5	4 820 000	1986
1987	---	1 800E ON MAY 25	16.08 ON MAR 8	5 810 000	1987
1988	1 070 AT 21:50 YST ON MAY 23	884 ON MAY 24	16.28 ON APR 5	5 880 000	1988
MEAN				5 930 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PELLY RIVER AT PELLY CROSSING - STATION NO. 09BC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	---	---	748	288	481	484	192	84.4	---	1952
1953	41.8	43.7	43.4	49.8	881	838	818	318	432	348	187	84.3	273	1953
1954	38.8	33.7	34.1	42.8	832	888	741	480	323	282	78.0	82.8	310	1954
1955	57.9	58.2	67.9	41.8	381	1 090	882	718	401	248	114	74.4	343	1955
1956	80.2	38.1	30.1	38.3	706	1 170	875	289	316	121	88.8	84.1	288	1956
1957	81.4	48.8	46.2	88.3	1 830	1 830	849	349	212	189	---	---	---	1957
1958	---	48.3	42.0	83.2	848	838	378	346	320	---	---	---	---	1958
1959	63.8	44.9	42.3	---	---	1 880	905	800	458	---	---	---	---	1959
1960	78.4	80.0	82.0	158	803	1 040	711	818	588	371	208	142	410	1960
1961	86.3	88.8	88.8	46.3	818	1 780	840	433	470	427	198	113	481	1961
1962	78.3	80.8	88.0	83.8	711	2 700	1 280	883	578	412	147	116	575	1962
1963	88.3	82.1	88.0	89.8	1 070	1 480	1 070	898	888	473	197	124	602	1963
1964	87.8	78.4	70.8	81.3	428	2 840	1 180	859	833	328	186	117	888	1964
1965	88.2	81.0	48.7	88.8	422	1 040	888	368	400	318	118	87.8	307	1965
1966	43.8	44.8	44.0	81.8	810	1 380	845	280	248	218	84.4	88.2	308	1966
1967	88.8	80.4	48.3	47.0	701	1 880	803	803	482	307	137	88.8	423	1967
1968	83.0	88.7	82.7	88.8	743	1 480	927	831	538	332	130	88.8	418	1968
1969	83.2	38.2	38.7	80.8	872	843	801	811	883	308	123	86.1	344	1969
1970	84.2	83.4	80.7	88.8	873	1 220	845	880	488	411	148	78.8	388	1970
1971	82.8	48.8	43.3	81.3	748	1 870	808	314	278	208	182	80.8	348	1971
1972	81.0	42.8	40.8	38.8	782	1 880	928	802	372	188	108	80.2	434	1972
1973	80.8	44.1	43.2	88.8	888	1 320	718	848	888	311	88.8	88.0	384	1973
1974	48.0	34.0	28.8	37.8	883	1 280	808	898	343	321	113	78.7	332	1974
1975	88.8	88.0	81.4	80.8	883	1 830	818	487	478	428	188	108	488	1975
1976	71.8	80.8	87.2	88.7	838	1 180	840	483	323	281	109	81.0	380	1976
1977	88.1	82.0	83.8	84.4	878	1 210	872	438	418	344	187	78.4	371	1977
1978	87.1	43.8	38.8	40.8	847	1 080	734	888	348	388	187	108	382	1978
1979	81.8	48.8	84.0	80.2	870	1 830	834	807	282	280	118	81.8	418	1979
1980	84.2	82.1	80.8	78.8	828	781	888	488	442	378	188	88.2	313	1980
1981	71.1	81.2	87.4	88.2	832	801	840	338	382	318	148	80.8	318	1981
1982	48.8	82.8	82.8	88.8	828	1 280	844	388	284	281	140	80.4	308	1982
1983	88.7	82.8	47.8	88.1	783	1 880	888	871	847	300	128	72.8	410	1983
1984	80.8	48.7	88.0	82.0	888	1 180	738	428	441	243	148	88.8	344	1984
1985	84.8	81.1	48.4	48.8	888	1 880	1 040	824	478	338	117	88.8	421	1985
1986	81.0	82.0	48.4	41.4	707	1 870	811	878	820	482	238	118	488	1986
1987	84.4	70.7	88.7	88.1	788	1 380	788	810	800	428	180	120	412	1987
1988	88.8	87.4	81.4	78.3	1 030	1 180	870	801	421	381	184	138	430	1988
MEAN	82.8	82.8	48.0	88.4	784	1 400	774	808	438	318	148	82.4	388	MEAN

LOCATION - LAT 82 48 47 N, LONG 138 34 80 W DRAINAGE AREA, 48 000 km² NATURAL FLOW

PELLY RIVER AT PELLY CROSSING - STATION NO. 09BC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1952	---	---	---	---	1952
1953	---	1 100 ON MAY 31	38.2B ON APR 4	8 600 000	1953
1954	---	1 870 ON MAY 30	33.4B ON FEB 2	8 780 000	1954
1955	---	1 480 ON JUN 28	41.1B ON APR 21	10 800 000	1955
1956	---	1 740 ON MAY 26	28.8B ON MAR 17	8 040 000	1956
1957	---	4 300 ON MAY 26 *	44.8B ON MAR 23	---	1957
1958	---	1 880 ON MAY 27	40.8 ON MAR 28	---	1958
1959	---	---	---	---	1959
1960	---	1 230 ON JUN 22	47.0B ON APR 3	13 000 000	1960
1961	---	2 440A ON JUN 13	46.3B ON APR 1	14 200 000	1961
1962	---	2 870E ON JUN 21	53.0B ON APR 1	18 100 000	1962
1963	2 480 AT 01:00 YST ON MAY 28	2 480 ON MAY 27	58.8B ON APR 1	15 800 000	1963
1964	4 180 AT 08:00 YST ON JUN 11 *	4 130 ON JUN 11	58.8B ON APR 21	17 800 000	1964
1965	1 770 AT 04:30 YST ON JUN 3	1 780 ON JUN 3	48.7B ON MAR 1	8 840 000	1965
1966	1 710 AT 08:00 YST ON JUN 13	1 870 ON JUN 13	40.8B ON JAN 11	8 758 000	1966
1967	3 000 AT 11:48 YST ON JUN 8	2 870 ON JUN 8	43.8B ON APR 15	13 300 000	1967
1968	2 010 AT 23:00 YST ON MAY 28	1 870 ON MAY 28	61.5B ON FEB 3	13 200 000	1968
1969	1 400 AT 00:01 YST ON JUN 13	1 370 ON JUN 12	32.8B ON MAR 28	10 800 000	1969
1970	2 280 AT 12:00 YST ON JUN 10	2 280 ON JUN 10	50.1B ON MAR 21	12 200 000	1970
1971	2 040 AT 08:53 YST ON JUN 15	2 040 ON JUN 15	40.8B ON MAR 31	11 000 000	1971
1972	3 480 AT 17:40 YST ON JUN 4	3 430 ON JUN 4	39.1B ON APR 21	13 700 000	1972
1973	1 930 AT 11:00 YST ON MAY 20	1 930 ON MAY 20	41.9B ON MAR 20	12 400 000	1973
1974	1 800 AT 03:41 YST ON MAY 29	1 780 ON MAY 29	28.3B ON MAR 11	10 800 000	1974
1975	2 880 AT 18:00 YST ON JUN 7	2 880 ON JUN 7	50.4B ON MAR 8	14 800 000	1975
1976	1 440 AT 08:00 YST ON MAY 8	1 420 ON JUN 7	58.4B ON APR 11	12 000 000	1976
1977	2 020 AT 04:10 YST ON MAY 31	1 880 ON MAY 31	48.4B ON APR 3	11 700 000	1977
1978	1 830 AT 04:10 YST ON JUN 8	1 810 ON JUN 7	35.1B ON MAR 3	11 100 000	1978
1979	2 220 AT 05:25 YST ON JUN 8	2 180 ON JUN 8	44.7B ON FEB 13	13 200 000	1979
1980	1 280 AT 05:05 YST ON MAY 18	1 270 ON MAY 18	47.8B ON MAR 3	9 810 000	1980
1981	1 480 AT 01:33 YST ON MAY 30	1 440 ON MAY 30	88.4B ON APR 1	9 880 000	1981
1982	1 780 AT 03:25 YST ON JUN 12	1 740 ON JUN 12	38.0B ON FEB 26 *	8 640 000	1982
1983	2 720 AT 08:88 YST ON JUN 7	2 700 ON JUN 7	39.8B ON MAR 28	12 800 000	1983
1984	1 830 AT 03:07 YST ON JUN 18	1 810 ON JUN 14	35.8B ON MAR 14	10 800 000	1984
1985	2 480 AT 17:07 YST ON JUN 8	2 480 ON JUN 8	44.0B ON FEB 13	13 300 000	1985
1986	2 370 AT 17:18 YST ON JUN 11	2 380 ON JUN 11	36.8B ON APR 8	18 400 000	1986
1987	2 110 AT 11:54 YST ON JUN 4	2 110 ON JUN 4	84.2B ON APR 8	13 000 000	1987
1988	1 830 AT 01:18 YST ON MAY 18	1 810 ON MAY 18	87.0B ON APR 8	13 800 000	1988
				12 300 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PELLY RIVER AT ROSS RIVER - STATION NO. 09BC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	349	208	138	115	38.1	---	---	1954
1955	---	---	---	---	204	627	643	325	133	91.0	---	---	---	1955
1956	---	---	---	---	---	734	283	138	102	---	---	---	---	1956
1957	---	---	---	---	478	722	383	132	59.3	---	---	---	---	1957
1958	---	---	---	---	287	388	177	109	102	---	---	---	---	1958
1959	21.2	16.4	13.7	---	---	848	389	324	218	---	---	38.3	---	1959
1960	27.0	20.3	17.2	24.8	500	822	362	256	250	153	69.0	51.0	198	1960
1961	34.5	21.5	21.5	19.3	445	901	328	195	228	104	62.1	51.0	207	1961
1962	34.0	22.7	22.7	22.7	438	1 320	487	234	186	111	46.1	38.6	248	1962
1963	31.1	27.2	23.8	21.0	483	843	433	203	288	188	84.3	55.5	208	1963
1964	39.1	30.6	24.1	23.6	110	1 210	473	417	284	183	91.9	34.1	238	1964
1965	21.0	16.8	16.7	19.6	233	838	351	178	212	170	88.4	60.6	187	1965
1966	17.0	16.4	16.4	16.3	324	863	381	138	112	115	48.8	30.6	151	1966
1967	22.4	16.3	16.2	19.0	388	838	350	211	188	134	41.6	24.4	167	1967
1968	21.1	19.4	19.1	21.7	374	701	419	258	283	139	68.6	38.7	193	1968
1969	12.8	12.4	11.9	17.4	283	437	334	330	342	138	80.7	39.7	168	1969
1970	22.3	16.9	16.6	21.3	324	824	422	284	231	184	86.8	30.0	178	1970
1971	24.2	22.9	17.1	20.4	413	716	248	131	137	91.4	48.3	27.1	157	1971
1972	18.1	13.9	13.3	13.0	407	830	408	258	180	81.3	43.5	30.2	187	1972
1973	17.9	15.0	14.6	17.6	417	836	301	270	265	84.8	37.0	18.6	174	1973
1974	8.86	8.85	8.45	10.8	324	894	326	283	141	101	51.8	32.0	147	1974
MEAN	23.1	16.8	17.0	19.4	386	718	383	232	187	128	68.4	38.4	187	MEAN

LOCATION - LAT 61 58 12 N, LONG 132 36 54 W DRAINAGE AREA, 18 400 km² NATURAL FLOW

PELLY RIVER AT ROSS RIVER - STATION NO. 09BC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1954	---	---	---	---	1954
1955	---	1 080 ON JUL 1	---	---	1955
1956	---	1 010E ON JUN 10	---	---	1956
1957	---	1 220 ON MAY 24	---	---	1957
1958	---	889 ON MAY 27	---	---	1958
1959	---	---	---	---	1959
1960	711 AT 11:00 YST ON JUN 21	705 ON JUN 21	18.7 B ON MAR 15	5 190 000	1960
1961	1 510 AT 10:00 YST ON JUN 11	1 480 ON JUN 11	19.3 B ON APR 1	6 540 000	1961
1962	1 820 AT 18:20 YST ON JUN 18	1 580 ON JUN 18	22.7 B ON FEB 1	7 800 000	1962
1963	---	1 200A ON MAY 25	21.0 B ON APR 1	6 480 000	1963
1964	2 010 AT 14:00 YST ON JUN 7 *	2 010A ON JUN 7 *	23.4 B ON MAR 8	7 930 000	1964
1965	840 AT 11:00 YST ON JUN 3	824 ON JUN 3	14.7 B ON FEB 4	4 880 000	1965
1966	852 AT 13:00 YST ON JUN 17	847 ON JUN 18	15.7 B ON JAN 10	4 770 000	1966
1967	1 490 AT 19:30 YST ON JUN 2	1 440 ON JUN 3	15.1 B ON APR 4	5 800 000	1967
1968	976 AT 22:00 YST ON MAY 23	954 ON MAY 23	15.3 B ON DEC 31	5 050 000	1968
1969	892 AT 04:00 YST ON JUL 15	889 ON JUL 15	10.6 B ON MAR 23	5 340 000	1969
1970	1 080 AT 22:27 YST ON JUN 7	1 030 ON JUN 7	17.6 B ON APR 14	5 820 000	1970
1971	917 AT 11:17 YST ON JUN 12	909 ON JUN 12	14.6 B ON MAR 25	4 980 000	1971
1972	1 780 AT 22:00 YST ON JUN 1	1 720A ON JUN 1	13.7 B ON APR 13	6 230 000	1972
1973	887 AT 02:00 YST ON MAY 19	847 ON MAY 19	11.0 B ON DEC 31	5 600 000	1973
1974	940 AT 22:18 YST ON MAY 27	928 ON MAY 27	6.20B ON MAR 11 *	4 930 000	1974
				5 800 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PELLY RIVER BELOW FORTIN CREEK - STATION NO. 09BA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	1.82	1.36	1.07	1.20	100	331	171	118	93.3	88.0	34.4	18.4	78.8	1986
1987	10.3	7.88	6.81	7.60	120	261	138	80.7	85.6	78.4	18.4	13.3	69.5	1987
1988	9.96	8.06	7.15	7.04	231	229	193	95.6	75.5	69.1	30.8	23.8	78.6	1988
MEAN	7.36	5.87	4.88	5.36	184	274	167	87.4	84.7	77.8	27.2	17.8	76.3	MEAN

LOCATION - LAT 62 01 50 N, LONG 130 38 10 W DRAINAGE AREA, 5 020 km² NATURAL FLOW

PELLY RIVER BELOW FORTIN CREEK - STATION NO. 09BA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1986	488 AT 22:04 YST ON JUN 8 *	485 ON JUN 8 *	0.880B ON APR 1 *	2 520 000	1986
1987	470 AT 10:57 YST ON JUN 6	464 ON JUN 6	5.60 B ON MAR 25	3 190 000	1987
1988	443 AT 11:58 YST ON MAY 19	438 ON MAY 19	5.78 B ON APR 12	2 510 000	1988
				2 410 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PELLY RIVER BELOW VANGORDA CREEK - STATION NO. 09EC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	172	89.6	55.9	40.3	---	1972
1973	24.2	19.0	17.7	21.8	436	713	345	261	280	113	67.5	54.3	184	1973
1974	14.5	10.8	10.0	14.2	343	859	270	288	174	128	88.7	63.1	171	1974
1975	28.0	23.8	21.3	28.1	487	873	533	241	288	214	72.8	36.6	244	1975
1976	28.1	23.7	20.5	21.3	532	704	520	223	188	129	81.0	38.1	208	1976
1977	31.4	27.2	24.9	28.0	511	682	390	243	245	174	76.8	35.1	205	1977
1978	24.7	17.8	15.5	18.7	348	820	455	338	172	183	83.8	46.3	198	1978
1979	28.8	22.4	21.4	25.0	432	883	453	278	117	120	66.4	39.1	207	1979
1980	28.4	20.8	20.3	24.3	388	600	214	334	215	188	88.3	39.4	187	1980
1981	28.0	23.7	22.4	23.2	887	488	272	131	186	126	63.3	33.4	168	1981
1982	21.3	17.0	14.6	20.6	183	618	332	183	148	180	84.1	29.3	138	1982
1983	23.6	23.8	20.1	31.7	484	647	316	287	288	182	76.1	42.4	211	1983
1984	30.0	26.3	23.2	29.6	388	848	378	241	231	128	83.7	37.1	188	1984
1985	27.0	23.8	23.7	24.8	331	837	648	277	280	185	48.8	38.6	217	1985
1986	31.2	26.8	18.8	18.5	382	887	490	304	287	262	108	68.3	243	1986
1987	36.8	31.5	23.5	28.7	408	713	389	278	270	238	74.4	66.3	213	1987
1988	37.0	36.9	22.6	28.0	687	884	488	284	203	183	80.8	69.4	218	1988
MEAN	27.7	22.7	20.0	23.7	422	708	383	283	212	184	88.8	48.8	188	MEAN

LOCATION - LAT 62 13 20 N, LONG 133 22 40 W DRAINAGE AREA, 22 100 km² NATURAL FLOW

PELLY RIVER BELOW VANGORDA CREEK - STATION NO. 09EC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	885 AT 20:05 YST ON JUN 13	880 ON JUN 13	17.0 B ON MAR 20	5 130 000	1973
1974	977 AT 23:17 YST ON MAY 27	883 ON MAY 28	9.888 ON MAR 11 *	5 380 000	1974
1975	1 330 AT 11:27 YST ON JUN 6	1 330 ON JUN 6	20.4 B ON MAR 10	7 880 000	1975
1976	1 080 AT 14:20 YST ON MAY 7	788 ON JUN 11	19.7 B ON APR 9	6 630 000	1976
1977	1 100 AT 18:40 YST ON MAY 28	1 080 ON MAY 28	23.8 B ON APR 3	6 480 000	1977
1978	841 AT 11:40 YST ON JUN 7	834 ON JUN 7	14.8 B ON MAR 3	6 180 000	1978
1979	1 210 AT 17:38 YST ON JUN 8	1 200 ON JUN 8	20.1 B ON FEB 12	6 830 000	1979
1980	783 AT 15:51 YST ON MAY 17	783 ON MAY 17	19.0 B ON MAR 4	4 870 000	1980
1981	887 AT 13:30 YST ON MAY 28	880 ON MAY 29	21.0 B ON APR 16	5 030 000	1981
1982	831 AT 10:59 YST ON JUN 10	818 ON JUN 11	14.0 B ON MAR 20	4 330 000	1982
1983	1 440 AT 10:19 YST ON JUN 5 *	1 430 ON JUN 5 *	18.0 B ON MAR 27	6 880 000	1983
1984	907 AT 17:43 YST ON JUN 13	892 ON JUN 13	21.8 B ON MAR 15	5 850 000	1984
1985	1 380 AT 17:30 YST ON JUN 8	1 340 ON JUN 8	20.4 B ON FEB 12	6 840 000	1985
1986	1 200 AT 20:02 YST ON JUN 1	1 200 ON JUN 2	18.8 B ON APR 3	7 880 000	1986
1987	1 230 AT 18:01 YST ON JUN 5	1 200 ON JUN 6	22.8 B ON MAR 15	6 700 000	1987
1988	1 080 AT 17:31 YST ON MAY 17	1 060 ON MAY 17	22.6 B ON MAR 9	6 780 000	1988
MEAN				6 230 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PORCUPINE RIVER AT OLD CROW - STATION NO. 09FD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	1 380	805	1 030	787	174	24.8	18.1	---	1981
1982	18.1	18.1	18.1	18.8	1 200	1 880	1 070	1 080	718	181	48.3	42.8	805	1982
1983	34.0	28.3	22.1	33.4	2 140	1 080	788	780	134	42.8	32.9	33.3	622	1983
1984	28.8	23.1	17.8	18.2	178	2 470	888	884	487	---	---	---	---	1984
1985	---	---	---	---	---	1 880	882	844	837	---	---	---	---	1985
1986	---	---	---	---	---	1 140	318	83.8	180	---	---	---	---	1986
1987	---	---	---	---	---	---	---	---	---	---	---	---	---	1987
1988	---	---	---	---	---	1 880	318	104	104	41.2	33.9	21.8	---	1988
1989	18.8	15.0	13.8	14.8	488	840	187	889	382	80.8	34.1	28.7	211	1989
1970	17.7	16.8	15.7	19.8	888	1 070	488	413	447	85.8	47.4	31.2	277	1970
1971	18.4	17.4	16.2	15.8	1 810	1 000	337	848	815	123	38.4	21.4	388	1971
1972	18.1	30.2	17.8	14.2	474	1 840	838	838	830	113	48.8	28.4	388	1972
1973	22.1	21.0	16.8	16.8	1 400	1 170	883	1 080	888	181	48.3	35.2	478	1973
1974	18.8	16.4	15.0	14.8	488	838	888	1 020	881	230	87.8	37.3	278	1974
1975	18.7	16.0	12.4	11.8	1 330	1 480	388	382	408	118	34.4	21.8	337	1975
1976	18.8	16.8	14.7	14.7	1 820	1 840	337	887	231	184	84.8	33.7	380	1976
1977	28.1	23.8	22.0	18.8	1 380	1 840	308	127	188	172	81.8	27.8	388	1977
1978	22.1	18.2	17.3	18.7	32.8	1 840	443	178	330	178	88.8	38.8	338	1978
1979	22.8	13.2	14.8	18.8	1 170	887	824	877	888	233	80.8	46.8	329	1979
1980	27.8	20.3	17.7	19.0	1 240	883	281	888	888	184	84.7	35.8	388	1980
1981	31.1	27.8	24.1	23.0	1 880	---	---	---	---	118	82.1	38.7	---	1981
1982	17.1	13.7	12.8	12.8	882	---	---	---	378	181	48.7	28.8	---	1982
1983	30.3	18.4	18.8	18.7	81.8	1 280	311	188	238	88.1	43.7	34.2	181	1983
1984	17.8	18.8	14.4	18.8	1 300	878	887	888	330	87.1	31.8	28.4	388	1984
1985	23.4	21.2	18.2	17.4	727	881	282	148	481	172	48.4	28.3	237	1985
1986	34.1	32.3	18.8	18.3	18.3	888	313	804	408	187	43.3	27.8	188	1986
1987	21.7	18.8	17.8	18.7	488	881	188	888	473	188	42.8	23.8	217	1987
1988	18.8	17.8	17.7	28.4	1 180	781	311	834	841	88.8	34.3	23.1	287	1988
MEAN	21.8	18.8	17.8	18.7	848	1 208	478	883	438	138	47.7	28.8	318	MEAN

LOCATION - LAT 67 33 50 N, LONG 139 83 00 W DRAINAGE AREA, 88 400 km² NATURAL FLOW INTERNATIONAL GAUGING STATION

PORCUPINE RIVER AT OLD CROW - STATION NO. 09FD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	4 780 ON MAY 28	18.1B ON JAN 1	15 900 000	1962
1963	---	5 490 ON MAY 15	22.1B ON MAR 1	13 300 000	1963
1964	---	6 710 ON JUN 4 *	17.8B ON MAR 1	---	1964
1965	---	5 040 ON MAY 25	---	---	1965
1966	---	4 800 ON MAY 17	---	---	1966
1967	---	4 470 ON JUN 5	---	---	1967
1968	---	4 470 ON JUN 3	---	---	1968
1969	---	1 880 ON AUG 7	12.0B ON MAR 20	9 850 000	1969
1970	---	3 410 ON MAY 28	14.0B ON FEB 5	8 740 000	1970
1971	---	5 170 ON MAY 22	12.0B ON MAY 2	11 600 000	1971
1972	---	3 420A ON JUN 1	13.0B ON MAY 4	11 200 000	1972
1973	5 800 AT 14:30 YST ON MAY 23	5 880A ON MAY 23	15.0B ON MAR 31	14 800 000	1973
1974	---	3 400E ON MAY 26	14.3B ON MAY 5	8 780 000	1974
1975	4 450 AT 15:00 YST ON MAY 28	4 420 ON MAY 28	11.0B ON APR 3 *	10 800 000	1975
1976	4 800 ON MAY 11	4 800E ON MAY 11	14.0B ON APR 1	11 100 000	1976
1977	5 310 ON MAY 20 *	5 140E ON MAY 20	10.3B ON APR 13	11 200 000	1977
1978	---	2 740A ON JUN 4	10.0B ON APR 14	7 940 000	1978
1979	---	3 740A ON MAY 17	12.0B ON FEB 10	10 400 000	1979
1980	---	5 520E ON MAY 21	10.1B ON MAR 17	11 700 000	1980
1981	4 230 AT 04:00 YST ON MAY 25	3 920A ON MAY 25	20.2B ON DEC 31	---	1981
1982	---	4 800E ON MAY 30	11.9B ON MAR 28	---	1982
1983	3 420 ON JUN 3	3 380E ON JUN 3	10.1B ON MAR 31	8 720 000	1983
1984	4 080 AT 21:14 YST ON JUL 31	3 930 ON JUL 31	14.1B ON MAR 5	12 300 000	1984
1985	---	3 600E ON MAY 26	16.2B ON MAY 5	7 480 000	1985
1986	1 730 AT 14:11 YST ON JUN 5	1 710B ON JUN 5	15.3B ON MAY 4	8 810 000	1986
1987	3 170 AT 02:55 YST ON MAY 29	3 110 ON MAY 29	13.6B ON MAY 11	8 640 000	1987
1988	---	2 500A ON MAY 26	17.0B ON MAR 10	9 380 000	1988
				10 100 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PORCUPINE RIVER BELOW BELL RIVER - STATION NO. 09FB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	304	---	---	---	---	1984
1985	---	---	---	---	---	1 010	673	709	518	---	---	---	---	1985
1986	---	---	---	---	---	---	183	90.5	85.7	---	---	---	---	1986
1987	---	---	---	---	---	---	---	---	261	42.8	---	---	---	1987
1970	---	---	---	---	---	870	423	387	332	---	---	---	---	1970
1971	---	---	---	---	---	886	244	570	330	84.6	---	---	---	1971
1972	---	---	---	---	---	1 850	372	427	500	80.9	---	---	---	1972
1973	---	---	---	---	---	787	594	881	387	92.3	---	---	---	1973
1974	---	---	---	---	---	452	412	822	270	135	---	---	---	1974
1975	---	---	---	---	---	1 050	190	348	316	75.4	---	---	---	1975
1976	---	---	---	---	---	802	224	524	177	102	43.6	---	---	1976
1977	---	---	---	---	---	1 080	---	---	---	---	---	---	---	1977
1978	21.4	18.9	15.5	13.9	35.3	1 070	187	189	298	186	84.8	38.6	171	1978
1979	21.5	12.9	14.0	14.6	1 130	814	417	805	407	173	83.9	44.6	281	1979
1980	25.1	19.1	19.3	16.8	815	488	201	705	408	141	80.8	34.2	248	1980
1981	30.1	25.9	22.9	21.0	1 170	880	1 020	473	173	87.8	43.2	30.7	283	1981
1982	14.8	12.9	12.2	12.8	884	1 140	310	448	308	128	57.8	24.0	261	1982
1983	17.6	14.7	14.1	14.1	88.7	878	148	180	178	78.8	38.8	23.3	133	1983
1984	17.3	15.3	14.3	15.8	1 010	885	837	731	244	88.8	30.8	25.1	308	1984
1985	21.7	18.6	15.8	15.8	981	888	192	148	441	189	61.1	24.4	304	1985
1986	19.8	15.5	14.1	12.8	14.7	488	238	480	299	73.7	30.4	21.9	128	1986
1987	18.7	15.8	16.1	13.8	282	487	120	444	388	96.8	38.4	17.8	188	1987
1988	15.8	15.4	14.8	17.8	892	822	278	482	427	76.3	27.8	19.3	232	1988
MEAN	20.4	17.1	15.8	15.3	802	780	368	478	328	102	44.7	27.4	218	MEAN

LOCATION - LAT 67 26 25 N
LONG 137 47 01 W
DRAINAGE AREA, 38 000 km^2
NATURAL FLOW

PORCUPINE RIVER BELOW BELL RIVER - STATION NO. 09FB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	3 670 AT 21:25 YST ON MAY 28	3 510 ON MAY 28	---	---	1975
1976	---	---	---	---	1976
1977	5 150 ON MAY 18 *	5 100A ON MAY 18 *	---	---	1977
1978	---	3 440E ON JUN 3	13.5B ON APR 24	5 380 000	1978
1979	2 710 AT 18:08 YST ON MAY 17	2 700 ON MAY 17	11.5B ON FEB 11	5 840 000	1979
1980	3 510 AT 08:00 YST ON MAY 21	3 370 ON MAY 20	14.7B ON APR 10	7 790 000	1980
1981	3 280 AT 11:25 YST ON MAY 25	3 180 ON MAY 25	18.3B ON DEC 31	8 930 000	1981
1982	---	4 140E ON MAY 29	11.4B ON APR 4 *	7 810 000	1982
1983	3 170 ON JUN 5	3 110E ON JUN 2	13.9B ON MAR 20	4 200 000	1983
1984	3 840 AT 13:25 YST ON JUL 31	3 780 ON JUL 31	13.8B ON MAR 5	9 670 000	1984
1985	3 520 AT 08:00 YST ON MAY 24	3 410A ON MAY 23	15.5B ON MAY 10	8 410 000	1985
1986	1 140 AT 18:30 YST ON AUG 24	1 080 ON AUG 24	12.3B ON MAY 8	4 380 000	1986
1987	---	3 300E ON MAY 28	12.8B ON MAY 12	5 010 000	1987
1988	2 270 AT 12:19 YST ON MAY 25	2 240 ON MAY 25	14.4B ON APR 1	7 330 000	1988
				5 880 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PORCUPINE RIVER NEAR INTERNATIONAL BOUNDARY - STATION NO. 09FD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	21.8	18.8	17.1	15.4	456	758	184	802	512	112	48.0	31.0	230	1987
1988	24.0	19.0	18.5	21.9	1 240	858	348	583	598	121	39.5	27.0	328	1988
MEAN	22.9	19.3	17.8	18.7	848	808	266	693	555	117	44.3	29.0	278	MEAN

LOCATION - LAT 67 25 27 N, LONG 140 53 28 W
DRAINAGE AREA, 58 600 km^2
NATURAL FLOW
INTERNATIONAL GAUGING STATION

PORCUPINE RIVER NEAR INTERNATIONAL BOUNDARY - STATION NO. 09FD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	---	3 400E ON MAY 30 *	14.8B ON MAY 14 *	7 280 000	1987
1988	2 710 AT 22:40 YST ON MAY 28 *	2 680 ON MAY 28	17.9B ON MAR 5	10 300 000	1988
				8 780 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RANCHERIA RIVER NEAR THE MOUTH - STATION NO. 10AA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	12.1	11.0	10.7	9.77	51.7	172	131	54.7	48.4	38.3	19.7	15.5	48.0	1985
1986	12.5	8.02	8.81	14.0	---	---	---	---	---	---	46.2	28.7	---	1986
1987	21.9	15.0	12.8	14.5	70.5	208	138	83.5	52.9	49.4	27.5	18.5	58.0	1987
1988	16.9	14.3	13.1	13.1	63.5	208	240	85.7	54.5	44.3	31.1	20.5	68.7	1988
MEAN	15.9	12.1	11.1	12.8	58.7	195	170	68.0	51.5	44.0	31.2	20.4	58.2	MEAN

LOCATION - LAT 68 12 35 N, LONG 128 33 00 W
DRAINAGE AREA, 5 100 km^2
NATURAL FLOW

RANCHERIA RIVER NEAR THE MOUTH - STATION NO. 10AA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	385 AT 11:24 YST ON JUN 5	342 ON JUN 5	8.5B ON APR 23	1 510 000	1985
1986	261	---	7.6B ON FEB 15 *	---	1986
1987	516 AT 04:52 YST ON JUN 23	472 ON JUN 23	12.5 B ON MAR 5	1 830 000	1987
1988	652 AT 12:50 YST ON JUL 14 *	586 ON JUL 14 *	11.5 B ON MAR 25	2 170 000	1988
				1 840 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROSE CREEK BELOW FARO CREEK - STATION NO. 09BC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	1.05	---	---	---	---	1966
1967	---	---	---	---	---	11.8	2.89	1.78	1.91	1.05	0.804	0.426	---	1967
1968	0.274	0.207	0.201	0.235	4.01	5.14	4.58	4.24	5.43	1.39	0.817	0.841	2.36	1968
1969	0.288	0.215	0.210	0.252	3.57	3.80	2.55	---	---	---	---	---	---	1969
MEAN	0.285	0.211	0.206	0.244	3.28	7.18	3.37	3.01	2.80	1.22	0.761	0.635	2.36	MEAN

LOCATION - LAT 62 20 30 N
LONG 133 24 30 W
DRAINAGE AREA, 208 km²
REGULATED

ROSE CREEK BELOW FARO CREEK - STATION NO. 09BC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1966	---	---	---	---	1966
1967	---	32.6 ON MAY 31 *	0.1738 ON MAR 10 *	---	1967
1968	---	15.6 ON JUL 6	0.1888 ON FEB 27	74 500	1968
1969	---	10.0 ON JUN 10	0.2078 ON MAR 21	---	1969
				74 500	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROSS RIVER AT ROSS RIVER - STATION NO. 09BA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	---	---	19.3	---	1960
1961	14.2	9.83	9.83	7.22	---	---	---	---	---	55.3	30.6	21.5	---	1961
1962	13.5	9.34	9.34	8.82	92.6	467	133	76.6	71.6	52.1	16.3	11.3	78.4	1962
1963	10.2	9.06	8.80	7.65	225	302	128	83.1	51.8	---	---	---	---	1963
1964	---	---	---	---	---	---	---	---	---	---	17.5	12.4	---	1964
1965	7.83	6.18	5.36	5.33	72.8	187	85.8	57.8	69.6	45.5	18.3	18.7	47.3	1965
1966	6.67	6.01	6.03	6.75	120	281	86.0	42.4	37.0	36.4	14.5	8.81	52.6	1966
1967	7.03	5.66	4.66	5.33	130	283	109	66.3	67.1	44.6	19.6	10.3	53.2	1967
1968	7.30	6.06	6.63	6.61	161	266	161	86.7	66.6	61.3	18.3	12.9	76.6	1968
1969	8.34	6.19	6.07	6.23	106	147	130	117	136	46.4	12.8	11.7	60.4	1969
1970	7.66	6.62	6.08	6.84	150	232	172	104	77.5	66.6	22.5	11.5	72.6	1970
1971	6.06	6.62	5.72	7.06	178	281	97.4	64.6	46.4	30.2	16.0	10.2	62.6	1971
1972	6.06	5.36	4.46	4.65	186	366	138	86.7	46.6	26.6	14.6	8.36	76.7	1972
1973	7.06	6.16	6.00	6.10	176	236	106	62.0	66.2	34.4	11.1	7.46	66.6	1973
1974	4.03	3.11	3.64	3.64	146	240	76.7	66.6	60.4	26.6	17.9	12.9	66.6	1974
1975	6.06	7.34	6.66	7.67	176	363	162	76.6	60.6	71.6	20.4	11.2	80.6	1975
1976	6.06	6.44	6.62	7.63	226	306	166	74.1	67.6	40.6	16.1	10.6	66.6	1976
1977	6.07	7.66	6.76	7.61	206	267	109	76.2	76.7	64.7	20.0	11.2	66.7	1977
1978	7.66	6.56	6.66	10.2	146	166	163	111	66.6	60.6	20.4	16.6	66.6	1978
1979	6.64	6.03	6.66	10.6	166	266	130	66.6	66.6	66.6	19.0	11.6	67.6	1979
1980	7.41	6.03	6.66	6.06	161	146	96.0	63.7	72.3	62.0	26.6	7.66	66.6	1980
1981	7.14	6.77	6.32	6.30	166	161	67.3	61.1	61.6	66.6	26.3	16.1	63.6	1981
1982	13.6	6.32	6.76	6.64	62.3	167	76.2	62.2	66.6	67.6	33.6	23.6	66.7	1982
1983	14.6	6.67	6.77	11.2	167	300	106	64.1	66.7	66.2	20.2	13.6	76.0	1983
1984	10.1	6.41	6.66	11.6	137	240	126	62.0	72.3	61.3	16.6	12.6	66.6	1984
1985	6.42	7.62	6.42	7.61	132	266	164	64.0	66.1	62.0	11.6	6.60	73.3	1985
1986	7.62	6.64	6.66	6.66	160	326	142	61.6	66.6	76.6	27.2	16.1	60.4	1986
1987	6.67	6.36	6.66	6.76	166	246	106	61.1	76.0	73.3	23.6	17.7	67.3	1987
1988	11.7	6.06	7.00	11.0	266	266	146	66.6	76.6	71.6	22.6	16.3	76.6	1988
MEAN	6.66	6.62	6.16	7.33	167	264	126	61.1	66.3	60.6	19.6	13.3	66.2	MEAN

LOCATION - LAT 61 56 40 N
LONG 132 22 40 W
DRAINAGE AREA, 7 260 km²
NATURAL FLOW

ROSS RIVER AT ROSS RIVER - STATION NO. 09BA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1880	---	---	---	---	1880
1881	---	---	7.22B ON APR 1	---	1881
1882	---	589 ON JUN 18	6.02B ON APR 1	2 800 000	1882
1883	---	487E ON MAY 25	7.36B ON MAY 1	---	1883
1884	---	---	---	---	1884
1885	345 AT 22:00 YST ON JUN 3	343 ON JUN 3	8.10B ON APR 1	1 490 000	1885
1886	323 AT 04:15 YST ON JUN 17	320 ON JUN 18	5.88B ON MAR 10	1 570 000	1886
1887	---	310E ON JUN 5	4.33B ON APR 6	1 880 000	1887
1888	447 AT 21:00 YST ON MAY 23	442 ON MAY 23	8.28B ON MAR 28	2 380 000	1888
1889	346 AT 05:00 YST ON JUL 15	328A ON JUL 15	5.01B ON MAR 22	1 810 000	1889
1870	527 AT 22:43 YST ON JUN 7	496 ON JUN 7	5.88B ON APR 18	2 280 000	1870
1871	384 AT 10:34 YST ON JUN 13	386 ON JUN 13	5.10B ON MAR 24	1 880 000	1871
1872	762 AT 00:40 YST ON JUN 2 *	742 ON JUN 1 *	4.30B ON APR 10	2 400 000	1872
1873	388 AT 01:00 YST ON MAY 18	374 ON MAY 18	5.01B ON DEC 31	2 070 000	1873
1874	436 AT 11:20 YST ON JUN 5	430 ON JUN 5	2.83B ON MAR 7 *	1 780 000	1874
1875	575 AT 18:10 YST ON JUN 5	584 ON JUN 5	8.80B ON MAR 18	2 550 000	1875
1876	317 AT 02:58 YST ON MAY 7	297 ON MAY 25	5.44B ON MAR 12	2 170 000	1876
1877	467 AT 15:35 YST ON MAY 28	462 ON MAY 28	8.08B ON MAR 24	2 110 000	1877
1878	280 AT 18:50 YST ON JUN 5	278 ON JUN 5	4.67B ON MAR 6	2 080 000	1878
1879	467 AT 08:20 YST ON JUN 5	480 ON JUN 5	5.10B ON FEB 14	2 140 000	1879
1880	321 AT 05:30 YST ON MAY 17	320A ON MAY 17	5.48B ON MAR 3	1 770 000	1880
1881	341 AT 07:10 YST ON MAY 24	337 ON MAY 24	5.80B ON APR 13	1 880 000	1881
1882	---	288E ON JUN 3	4.22B ON APR 12	1 540 000	1882
1883	592 AT 11:02 YST ON JUN 4	588 ON JUN 4	8.20B ON MAR 28	2 380 000	1883
1884	395 AT 07:58 YST ON JUN 12	380 ON JUN 11	7.48B ON FEB 23	2 040 000	1884
1885	492 AT 15:37 YST ON JUN 7	488 ON JUN 7	5.80B ON MAR 7	2 310 000	1885
1886	492 AT 13:50 YST ON JUN 2	488 ON JUN 2	4.05B ON APR 1	2 540 000	1886
1887	471 AT 08:23 YST ON JUN 5	462 ON JUN 6	4.80B ON APR 3	2 120 000	1887
1888	444 AT 04:50 YST ON MAY 17	441 ON MAY 17	8.95B ON MAR 2	2 380 000	1888
				2 090 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE - STATION NO. 08AA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	0.349	0.223	0.035	0.286	5.82	8.17	8.98	8.85	5.18	4.41	2.81	1.61	3.78	1981
1982	0.113	0	0	0.155	5.32	18.7	12.0	8.11	5.86	3.71	1.07	0.177	4.71	1982
1983	0.005	0	0	0.521	4.83	10.4	9.83	12.1	10.0	5.78	2.81	1.85	4.88	1983
1984	0.327	0.001	0.085	1.01	1.97	4.73	12.8	7.78	8.05	5.56	4.81	2.34	4.27	1984
1985	1.18	0.211	0.173	1.15	2.48	7.52	10.2	10.4	11.8	8.87	3.85	2.50	4.88	1985
1986	2.08	0.805	0.285	1.44	4.36	13.2	18.0	14.2	8.82	5.48	1.88	1.01	6.07	1986
1987	1.05	0.843	0.586	1.01	---	---	---	10.8	11.8	8.45	4.78	2.78	---	1987
1988	1.28	0.896	1.04	3.11	8.11	13.5	37.2	33.2	14.5	8.85	4.68	3.32	10.3	1988
MEAN	0.784	0.385	0.317	0.982	4.43	10.8	15.7	12.8	8.82	5.74	3.31	1.85	5.85	MEAN

LOCATION - LAT 61 33 50 N, LONG 137 31 57 W
DRAINAGE AREA, 1 250 km^2
NATURAL FLOW

SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE - STATION NO. 08AA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	10.0 AT 18:05 YST ON JUN 2	9.74 ON JUN 2	0 B ON MAR 8 *	119 000	1981
1982	23.3 AT 11:20 YST ON JUN 12	22.9 ON JUN 12	0 B ON JAN 20	148 000	1982
1983	14.9 AT 20:21 YST ON AUG 22	14.8 ON AUG 21	0 B ON JAN 14	154 000	1983
1984	20.2 AT 21:13 YST ON JUL 8	19.5 ON JUL 9	0 B ON FEB 5	138 000	1984
1985	13.8 AT 17:35 YST ON SEP 14	13.0 ON SEP 11	0.088B ON FEB 27	153 000	1985
1986	23.0 AT 17:30 YST ON JUL 7	22.3 ON JUL 7	0.200B ON FEB 25	191 000	1986
1987	16.7 AT 15:20 YST ON AUG 24	16.1 ON AUG 23	0.085B ON MAR 12	---	1987
1988	57.3 AT 20:41 YST ON JUL 19 *	56.8 ON JUL 20 *	0.086B ON FEB 20	328 000	1988
				175 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SIDNEY CREEK AT KILOMETRE 48 SOUTH CANOL ROAD - STATION NO. 09AD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	1.40	1.15	0.939	0.732	2.14	18.1	3.87	2.25	2.85	2.24	1.08	0.892	3.14	1982
1983	0.804	0.784	0.822	0.788	10.3	14.4	5.32	3.78	3.88	2.89	1.85	1.35	3.80	1983
1984	1.02	0.889	1.17	1.34	5.18	13.4	4.75	4.35	3.80	2.78	1.82	1.33	3.88	1984
1985	0.905	0.703	0.812	0.402	7.58	18.1	8.53	2.82	2.28	1.87	1.08	0.901	3.82	1985
1986	0.712	0.474	0.423	0.458	5.85	18.0	13.1	4.85	4.02	3.01	1.04	1.10	4.58	1986
1987	0.888	0.888	0.488	0.530	7.10	18.7	8.87	3.18	3.80	3.88	1.87	1.80	3.88	1987
1988	1.28	1.12	0.880	2.07	14.8	17.8	13.7	4.88	3.88	8.88	3.23	2.17	8.01	1988
MEAN	1.01	0.871	0.743	0.898	7.85	16.8	8.02	3.70	3.48	3.34	1.74	1.35	4.14	MEAN

LOCATION - LAT 60 47 05 N, LONG 133 03 15 W
DRAINAGE AREA, 372 km^2
NATURAL FLOW

SIDNEY CREEK AT KILOMETRE 48 SOUTH CANOL ROAD - STATION NO. 09AD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	54.1 AT 06:32 YST ON JUN 8	46.0 ON JUN 8	0.7008 ON APR 20	88 000	1982
1983	65.6 AT 15:12 YST ON JUN 1 *	58.6 ON JUN 1 *	0.5788 ON MAR 25	123 000	1983
1984	28.6 AT 06:16 YST ON JUN 6	24.3 ON JUN 8	0.8018 ON JAN 27	113 000	1984
1985	65.6 AT 12:52 YST ON JUN 5	57.4 ON JUN 5	0.3858 ON APR 22 *	121 000	1985
1986	47.9 AT 06:38 YST ON JUL 3	40.0 ON JUL 3	0.3858 ON MAR 5	144 000	1986
1987	63.3 AT 14:06 YST ON MAY 31	53.2 ON MAY 31	0.4308 ON MAR 10	128 000	1987
1988	32.6 AT 09:26 YST ON MAY 14	30.1 ON JUN 10	0.8108 ON APR 6	190 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		131 000	MEAN

SNAKE RIVER ABOVE IRON CREEK - STATION NO. 10MB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	211	112	88.4	65.4	---	---	---	---	1984
1985	---	---	---	---	---	---	105	81.8	60.7	---	---	---	---	1985
1986	---	---	---	---	---	---	85.8	64.4	42.6	---	---	---	---	1986
1987	---	---	---	---	---	---	82.8	87.7	---	---	---	---	---	1987
MEAN	---	---	---	---	---	211	103	80.8	49.5	---	---	---	---	MEAN

LOCATION - LAT 65 14 45 N, LONG 133 24 10 W. DRAINAGE AREA, 2 770 km^2. NATURAL FLOW

SNAKE RIVER ABOVE IRON CREEK - STATION NO. 10MB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	3238 ON JUN 7 *	0 B ON APR 28 *	---	1984
1985	247 AT 10:00 YST ON JUN 10	220 ON JUN 10	0.0088 ON MAR 18	---	1985
1986	308 AT 10:00 YST ON JUN 13 *	294 ON JUN 13	0 B ON MAR 17	---	1986
1987	308 AT 23:35 YST ON JUN 19	271 ON AUG 19	0 B ON APR 20	---	1987
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

SNAKE RIVER NEAR THE MOUTH - STATION NO. 10MB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	154	89.2	30.4	11.3	---	1978
1976	8.38	7.81	7.34	7.88	---	---	---	188	104	48.7	18.1	11.6	---	1976
1977	10.0	8.80	8.38	8.43	287	282	131	88.1	55.5	40.8	18.0	9.14	78.2	1977
1978	7.88	7.08	6.27	5.90	74.8	488	178	140	101	48.8	23.8	11.8	89.2	1978
1979	7.10	6.04	7.22	8.83	158	274	280	208	187	113	84.8	28.8	111	1979
1980	12.2	8.87	8.14	8.15	235	207	82.0	218	128	83.8	24.7	13.2	85.2	1980
1981	9.80	7.83	6.11	6.02	183	247	362	187	86.7	87.4	28.3	12.8	101	1981
1982	8.84	8.28	8.48	8.86	288	484	218	187	115	81.4	28.8	13.8	118	1982
1983	9.88	8.88	8.17	7.28	221	438	188	288	183	104	34.1	14.7	122	1983
1984	8.48	8.84	7.27	11.0	---	---	302	211	181	88.8	31.2	18.3	---	1984
1985	10.7	8.82	7.78	7.87	218	258	183	140	178	83.8	23.8	13.2	81.4	1985
1986	11.0	8.87	8.04	7.48	18.4	358	212	367	108	48.3	28.2	18.4	100	1986
1987	13.8	10.7	8.77	8.08	284	---	---	182	287	82.0	31.4	17.8	---	1987
1988	12.0	11.7	8.88	8.77	192	288	172	141	280	87.8	31.8	18.3	103	1988
MEAN	8.80	8.28	7.88	8.08	191	330	211	194	148	88.0	28.8	14.8	88.7	MEAN

LOCATION - LAT 68 58 10 N, LONG 134 01 40 W. DRAINAGE AREA, 8 810 km^2. NATURAL FLOW

SNAKE RIVER NEAR THE MOUTH - STATION NO. 10MB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	1 380 AT 08:28 YST ON MAY 19	1 150 ON MAY 19	8.188 ON APR 28	2 470 000	1977
1978	1 480 AT 05:15 YST ON JUN 2	1 290 ON JUN 2	5.648 ON APR 7	2 820 000	1978
1979	854 AT 12:00 YST ON MAY 23	578 ON MAY 23	4.478 ON FEB 12 *	3 510 000	1979
1980	894 AT 06:48 YST ON MAY 25	779 ON MAY 25	7.828 ON APR 8	2 700 000	1980
1981	870 AT 08:00 YST ON JUL 20	787 ON JUL 20	5.778 ON MAR 21	3 190 000	1981
1982	1 580 AT 07:00 YST ON JUN 15	1 440 ON JUN 15	5.718 ON FEB 25	3 840 000	1982
1983	2 240 AT 11:42 YST ON JUN 1	2 010 ON JUN 1	8.788 ON APR 24	5 840 000	1983
1984	871 AT 08:58 YST ON JUN 15	710 ON JUN 15	5.808 ON FEB 25	---	1984
1985	909 AT 04:38 YST ON MAY 21	810 ON MAY 20	7.208 ON MAR 2	2 880 000	1985
1986	3 430E AT 18:38 YST ON AUG 14 *	2 240E ON AUG 14 *	7.308 ON APR 30	3 180 000	1986
1987	---	830E ON MAY 24	7.718 ON APR 20	---	1987
1988	1 110 AT 12:40 YST ON SEP 7	980E ON SEP 8	7.858 ON MAR 31	3 250 000	1988
				3 180 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH BIG SALMON RIVER BELOW LIVINGSTONE CREEK - STATION NO. 09AG003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	3.84	4.24	3.48	0.812	0.295	---	1982
1983	0.258	0.281	0.288	0.506	7.81	15.0	5.89	5.70	5.57	2.82	1.14	0.418	3.87	1983
1984	0.327	0.310	0.353	0.490	3.48	11.8	5.89	4.19	3.87	1.80	0.808	0.548	2.83	1984
1985	0.488	0.337	0.287	0.239	3.82	15.3	15.3	5.82	5.82	3.87	1.88	1.30	4.73	1985
1986	0.583	0.178	0.252	0.381	2.04	16.5	15.1	11.0	10.0	5.01	2.72	1.70	5.58	1986
1987	1.22	0.801	0.808	0.728	4.45	9.89	8.50	3.88	3.81	3.10	1.38	0.434	3.05	1987
1988	0.224	0.184	0.149	0.389	4.98	11.8	15.1	8.89	4.00	3.82	2.10	1.28	4.24	1988
MEAN	0.510	0.345	0.324	0.444	4.38	13.4	10.8	6.38	5.27	3.48	1.61	0.848	4.08	MEAN

LOCATION - LAT 61 23 10 N
LONG 134 22 15 W
DRAINAGE AREA, 515 km^2
NATURAL FLOW

SOUTH BIG SALMON RIVER BELOW LIVINGSTONE CREEK - STATION NO. 09AG003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	85.8 AT 01:42 YST ON JUN 1 *	76.8 ON MAY 31 *	0.241B ON JAN 25	122 000	1983
1984	22.6 AT 03:36 YST ON JUN 8	18.4 ON JUN 8	0.273B ON JAN 29	82 700	1984
1985	---	38.7A ON JUN 5	0.228B ON APR 20	149 000	1985
1986	49.4 AT 17:43 YST ON JUL 2	43.1 ON JUL 2	0.187B ON FEB 21	176 000	1986
1987	40.1 AT 08:51 YST ON MAY 31	34.5 ON MAY 31	0.250B ON DEC 30	95 300	1987
1988	53.1 AT 07:22 YST ON JUL 18	46.0 ON JUL 18	0.139B ON MAR 14 *	134 000	1988
				126 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH MACMILLAN RIVER AT KILOMETRE 407 CANOL ROAD - STATION NO. 09BB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	14.1	5.07	3.03	---	1974
1975	2.37	2.13	2.12	2.85	28.5	101	72.8	25.4	35.1	16.5	3.80	2.84	24.8	1975
1976	2.06	1.78	1.72	2.07	26.2	82.1	58.4	26.0	20.2	11.5	4.50	2.88	18.3	1976
1977	2.25	1.97	1.72	1.74	36.6	80.8	40.7	36.6	18.3	9.80	4.41	2.12	19.8	1977
1978	1.77	1.10	0.774	0.700	25.0	88.1	58.5	33.1	15.0	17.5	8.24	3.81	20.8	1978
1979	1.98	1.08	1.12	1.84	31.5	82.4	62.9	28.4	13.6	12.4	5.83	2.40	19.7	1979
1980	1.35	0.888	0.881	0.582	20.2	85.3	40.8	33.6	16.8	19.9	7.18	3.83	17.4	1980
1981	1.88	1.88	1.48	1.84	41.7	68.7	43.7	27.8	23.6	11.1	5.88	3.12	17.6	1981
1982	2.00	1.18	0.777	0.788	3.88	70.3	38.7	32.7	14.1	12.8	4.78	3.20	14.8	1982
1983	1.83	0.781	0.431	0.515	25.4	97.0	48.7	41.3	28.4	14.0	5.88	4.28	22.8	1983
1984	2.84	2.38	2.25	2.87	18.8	77.1	42.2	33.8	16.8	11.1	7.88	5.08	18.8	1984
1985	3.13	1.47	1.27	1.80	10.8	88.8	71.8	23.0	11.0	7.88	5.73	4.74	19.1	1985
1986	3.38	1.32	0.888	0.738	15.8	87.3	88.4	34.4	18.2	10.8	5.35	2.82	20.7	1986
1987	1.72	1.37	0.883	0.881	21.1	78.8	47.8	25.0	31.8	18.4	8.85	3.72	18.8	1987
1988	2.64	1.84	1.73	2.04	88.3	74.2	80.1	30.8	23.8	18.7	10.2	4.88	23.2	1988
MEAN	2.32	1.48	1.28	1.48	25.8	78.1	52.4	30.1	20.8	13.8	8.08	3.40	19.8	MEAN

LOCATION - LAT 62 58 30 N
LONG 130 32 30 W
DRAINAGE AREA, 897 km^2
NATURAL FLOW

SOUTH MACMILLAN RIVER AT KILOMETRE 407 CANOL ROAD - STATION NO. 09BB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	134 AT 08:30 YST ON JUN 4	130 ON JUN 4	1.88 B ON MAR 10	777 000	1975
1976	103 AT 22:23 YST ON JUL 12	83.2 ON JUL 12	1.64 B ON MAR 22	578 000	1976
1977	106 AT 08:00 YST ON MAY 31	102 ON MAY 30	1.58 B ON MAR 25	628 000	1977
1978	120 AT 06:30 YST ON JUN 8	113 ON JUN 9	0.8575 ON APR 7	859 000	1978
1979	108 AT 18:50 YST ON JUN 12	89.6 ON JUN 3	0.8508 ON FEB 13	821 000	1979
1980	116 AT 11:54 YST ON JUN 8	115 ON JUN 8	0.8858 ON MAR 31	850 000	1980
1981	106 AT 09:00 YST ON MAY 30	106 ON MAY 29	1.43 B ON MAR 29	585 000	1981
1982	112 AT 06:02 YST ON JUN 15	108 ON JUN 15	0.7008 ON APR 12	481 000	1982
1983	177 AT 02:43 YST ON JUN 3 *	170 ON JUN 3 *	0.3878 ON MAR 28 *	717 000	1983
1984	107 AT 13:58 YST ON JUN 10	104 ON JUN 10	2.06 B ON MAR 18	588 000	1984
1985	184 AT 11:38 YST ON JUN 7	148 ON JUN 7	1.20 B ON FEB 14	803 000	1985
1986	138 AT 22:11 YST ON JUN 21	136 ON JUN 22	0.8328 ON APR 1	851 000	1986
1987	126 AT 06:06 YST ON JUN 23	121 ON JUN 23	0.7808 ON MAR 28	813 000	1987
1988	---	133 E ON MAY 14	1.70 B ON MAR 20	731 000	1988
				824 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STEWART RIVER ABOVE FRASER FALLS - STATION NO. 08DC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	49.2	42.4	43.1	53.5	695	1 150	853	620	416	343	163	82.6	358	1980
1981	54.3	46.6	33.7	36.6	659	778	695	537	473	287	87.9	66.7	331	1981
1982	48.1	24.4	20.7	25.8	433	1 330	743	542	282	191	82.2	52.6	315	1982
1983	44.5	41.2	36.4	37.9	549	1 630	825	733	515	280	140	67.7	380	1983
1984	24.9	26.3	29.4	40.1	699	1 120	711	411	242	170	85.4	59.6	303	1984
1985	48.4	43.0	33.7	36.2	534	1 700	1 010	632	483	270	87.8	48.8	400	1985
1986	42.4	38.5	30.0	30.1	635	1 610	834	660	551	337	84.2	55.1	443	1986
1987	53.8	42.1	30.8	35.4	579	1 530	735	500	584	452	115	77.6	394	1987
1988	48.8	38.8	30.8	36.8	578	1 240	781	631	501	338	129	64.8	404	1988
MEAN	48.1	37.1	31.8	38.7	681	1 370	786	594	445	282	108	68.0	371	MEAN

LOCATION - LAT 63 25 17 N
LONG 135 08 08 W
DRAINAGE AREA, 30 800 km^2
NATURAL FLOW

STEWART RIVER ABOVE FRASER FALLS - STATION NO. 08DC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	1 830E ON JUN 11	38.48 ON FEB 17	11 300 000	1980
1981	1 670 AT 21:00 YST ON MAY 30	1 480 ON MAY 30	32.08 ON MAR 24	10 500 000	1981
1982	1 880 AT 13:58 YST ON JUN 14	1 850 ON JUN 14	18.38 ON MAR 17 *	8 830 000	1982
1983	3 200 AT 16:51 YST ON JUN 4 *	3 140 ON JUN 4 *	30.88 ON DEC 31	12 300 000	1983
1984	1 870 AT 03:48 YST ON JUN 15	1 880 ON JUN 15	23.08 ON JAN 24	9 880 000	1984
1985	---	2 780A ON JUN 8	33.08 ON MAR 4	12 800 000	1985
1986	2 670 AT 17:58 YST ON JUN 10	2 620 ON JUN 10	28.78 ON MAR 30	14 000 000	1986
1987	2 880 ON JUN 4	2 880E ON JUN 4	29.48 ON MAR 31	12 400 000	1987
1988	---	1 830A ON MAY 17	29.38 ON MAR 27	12 800 000	1988
				11 700 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STEWART RIVER AT MAYO - STATION NO. 09DC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	52.0	45.1	53.4	831	1 850	1 300	810	583	470	123	75.5	---	1948
1950	56.7	43.4	33.3	81.5	388	1 040	419	351	371	224	88.3	47.0	287	1950
1951	31.1	23.5	25.5	30.0	388	708	571	344	315	185	79.8	61.2	228	1951
1952	32.5	24.9	22.3	---	---	---	748	382	508	467	188	97.8	---	1952
1953	38.3	38.5	35.3	43.2	888	840	703	424	435	237	183	---	---	1953
1954	---	---	---	---	871	1 120	806	545	401	233	---	---	---	1954
1955	---	---	35.5	34.3	418	1 380	1 130	783	447	240	91.3	47.2	---	1955
1956	28.7	20.4	22.0	27.2	830	1 200	848	607	423	182	84.0	58.5	354	1956
1957	50.1	40.5	33.7	37.5	1 080	1 730	1 280	864	278	---	---	---	---	1957
1958	---	34.3	28.5	57.5	880	1 080	424	397	438	424	173	88.4	---	1958
1959	44.3	36.9	32.7	32.0	809	1 200	852	518	328	218	81.5	72.5	338	1959
1960	61.1	47.5	37.5	55.7	778	1 100	1 240	634	528	302	175	83.0	440	1960
1961	63.5	49.0	36.5	36.4	753	2 270	1 010	575	364	209	73.4	53.5	467	1961
1962	44.5	40.5	37.7	37.7	830	2 240	923	585	453	283	128	85.0	456	1962
1963	56.5	56.5	46.7	36.5	761	1 180	821	550	437	359	125	56.0	386	1963
1964	69.4	54.5	45.3	37.7	184	2 950	1 380	938	584	284	140	80.0	562	1964
1965	55.5	33.2	27.2	21.5	348	1 040	788	487	447	258	100	53.5	310	1965
1966	19.1	20.5	21.5	40.1	582	1 450	854	387	327	187	87.3	42.7	318	1966
1967	35.2	33.5	35.5	42.5	485	1 820	748	545	534	253	122	61.3	398	1967
1968	58.2	40.2	45.2	80.3	827	1 850	748	389	281	171	86.3	52.5	387	1968
1969	25.5	20.5	18.5	35.7	405	1 000	438	442	459	202	81.3	53.0	288	1969
1970	35.0	25.5	25.5	35.5	598	1 520	1 010	587	490	280	75.7	42.7	396	1970
1971	32.0	26.1	22.5	30.5	748	1 710	827	482	408	200	80.3	48.7	388	1971
1972	32.2	25.5	23.3	23.3	588	1 730	702	472	478	173	83.4	53.0	365	1972
1973	28.5	23.1	22.1	30.0	808	1 330	815	525	543	185	82.0	42.7	388	1973
1974	31.5	19.7	18.5	19.5	540	1 000	583	755	387	161	80.5	58.5	305	1974
1975	42.4	41.5	40.1	37.5	918	2 080	1 020	522	508	398	133	71.4	465	1975
1976	43.5	33.5	28.7	32.2	648	852	880	431	315	245	82.5	40.5	312	1976
1977	39.5	42.1	35.4	25.3	852	1 480	574	409	291	188	40.7	48.5	335	1977
1978	37.5	34.2	33.5	37.0	438	1 150	908	504	242	273	148	46.7	327	1978
1979	52.2	28.5	30.5	34.4	837	1 510	1 080	548	366	332	127	72.2	428	1979
MEAN	42.7	35.0	31.1	38.3	850	1 440	843	549	419	288	108	62.7	370	MEAN

LOCATION - LAT 63 35 25 N DRAINAGE AREA, 31 800 km²
LONG 135 53 45 W NATURAL FLOW

STEWART RIVER AT MAYO - STATION NO. 09DC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1948	---	2 480 ON JUN 25	39.88 ON APR 11	---	1948
1950	---	1 510 ON JUN 23	26.18 ON APR 10	5 110 000	1950
1951	---	912 ON JUL 3	23.28 ON FEB 18	7 220 000	1951
1952	---	--- ---	--- ---	---	1952
1953	---	2 000 ON MAY 28	32.38 ON MAR 31	---	1953
1954	---	1 830 ON MAY 30	--- ---	---	1954
1955	---	2 880 ON JUL 2	32.48 ON APR 11	---	1955
1956	---	1 850 ON JUN 23	18.88 ON FEB 20	11 200 000	1956
1957	---	3 080 ON MAY 28	33.18 ON MAR 8	---	1957
1958	---	1 810 ON JUN 8	25.28 ON MAR 27	---	1958
1959	---	2 830 ON MAY 24	31.18 ON APR 1	10 700 000	1959
1960	---	2 310 ON JUL 30	36.08 ON MAR 31	13 900 000	1960
1961	---	3 880 ON JUN 11	34.88 ON APR 9	14 700 000	1961
1962	---	2 730E ON JUN 28	37.78 ON FEB 13	14 400 000	1962
1963	---	2 430 ON MAY 25	36.88 ON APR 1	12 200 000	1963
1964	---	4 110E ON JUN 10 *	38.48 ON APR 22	17 800 000	1964
1965	---	1 810 ON JUN 3	26.18 ON MAR 10	9 780 000	1965
1966	---	2 210 ON JUN 17	17.88 ON JAN 10	9 850 000	1966
1967	---	2 780 ON JUN 4	33.18 ON FEB 8	12 600 000	1967
1968	---	3 080 ON JUN 14	36.88 ON FEB 26	11 800 000	1968
1969	---	1 880 ON JUN 13	18.88 ON MAR 18	8 380 000	1969
1970	---	2 940 ON JUN 7	25.88 ON MAR 8	12 800 000	1970
1971	---	2 840 ON JUN 14	21.48 ON MAR 21	12 200 000	1971
1972	2 930 AT 07:27 YST ON JUN 2	2 860 ON JUN 2	22.78 ON MAR 3	11 600 000	1972
1973	1 910 AT 05:05 YST ON JUN 12	1 870 ON JUN 12	20.78 ON MAR 18	12 200 000	1973
1974	1 510 AT 15:37 YST ON MAY 28	1 500 ON MAY 28	15.28 ON MAR 19 *	8 810 000	1974
1975	3 140 AT 10:04 YST ON JUN 7 *	3 110 ON JUN 7	38.88 ON APR 4	15 300 000	1975
1976	---	1 930A ON MAY 8	28.38 ON MAR 31	9 870 000	1976
1977	2 370 AT 17:00 YST ON JUN 2	2 340 ON JUN 2	21.78 ON MAR 21	10 800 000	1977
1978	1 850 AT 08:30 YST ON JUN 11	1 800 ON JUN 11	31.18 ON APR 15	10 300 000	1978
1979	2 020 AT 13:30 YST ON JUN 6	2 010 ON JUN 6	25.88 ON FEB 8	13 500 000	1979
				11 700 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STEWART RIVER AT STEWART CROSSING - STATION NO. 09DD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	3 280	1 080	741	402	231	88.1	86.0	---	1981
1982	82.3	87.4	83.8	83.8	731	2 320	1 010	682	513	313	143	90.6	602	1982
1983	73.6	86.1	86.6	46.1	633	1 280	1 080	643	484	406	138	100	437	1983
1984	83.6	89.6	84.3	84.3	207	3 150	1 500	983	577	305	184	101	805	1984
1985	86.9	90.2	47.8	82.2	345	1 070	822	821	478	284	84.8	80.9	338	1985
1986	47.8	46.7	46.7	86.8	328	1 500	738	420	384	230	84.9	88.7	388	1986
1987	89.2	87.1	87.2	81.8	817	1 830	788	885	880	276	148	103	424	1987
1988	80.3	88.8	88.3	78.8	809	1 830	832	382	307	197	127	84.8	388	1988
1989	43.9	34.7	36.9	48.7	418	1 010	483	480	480	322	122	82.0	285	1989
1970	87.6	81.8	48.1	86.3	825	1 870	1 080	832	528	305	123	83.6	430	1970
1971	81.6	80.1	42.6	40.3	782	1 780	843	808	418	214	132	87.7	414	1971
1972	88.0	45.4	38.0	37.4	821	1 780	732	478	800	203	108	88.7	388	1972
1973	88.9	46.7	47.0	88.8	853	1 420	882	886	886	216	88.5	81.8	428	1973
MEAN	82.7	83.7	80.0	88.1	818	1 720	814	801	488	280	121	84.8	418	MEAN

LOCATION - LAT 83 22 88 N DRAINAGE AREA, 35 000 km²
LONG 138 40 88 W NATURAL FLOW

STEWART RIVER AT STEWART CROSSING - STATION NO. 09DD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	3 770E ON JUN 12	---	---	1981
1982	2 880 AT 13:30 YST ON JUN 26	2 630 ON JUN 26	83.48 ON FEB 13	15 900 000	1982
1983	2 460 AT 01:00 YST ON MAY 26	2 370 ON MAY 25	48.18 ON APR 1	13 800 000	1983
1984	4 330 AT 02:30 YST ON JUN 11 *	4 300 ON JUN 11 *	84.38 ON MAR 1	18 100 000	1984
1985	1 820 AT 01:30 YST ON JUN 4	1 780 ON JUN 3	47.38 ON MAR 10	10 300 000	1985
1986	2 230 AT 03:30 YST ON JUN 17	2 210 ON JUN 17	46.78 ON JAN 20	11 200 000	1986
1987	2 880 AT 17:00 YST ON JUN 4	2 880 ON JUN 4	84.88 ON JAN 28	13 400 000	1987
1988	1 880 AT 08:00 YST ON JUN 15	1 820 ON JUN 15	84.88 ON FEB 8	12 300 000	1988
1989	1 880 AT 21:00 YST ON JUN 13	1 870 ON JUN 13	25.58 ON MAR 18 *	8 880 000	1989
1970	2 830 AT 11:11 YST ON JUN 8	2 780 ON JUN 8	47.88 ON MAR 15	13 800 000	1970
1971	2 810 AT 08:38 YST ON JUN 15	2 880 ON JUN 15	41.18 ON MAR 22	13 000 000	1971
1972	2 840 AT 14:00 YST ON JUN 2	2 820A ON JUN 2	38.88 ON APR 2	12 300 000	1972
1973	2 000 AT 11:45 YST ON JUN 12	2 000 ON JUN 12	44.88 ON FEB 13	13 400 000	1973
				13 100 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STEWART RIVER AT THE MOUTH - STATION NO. 09DD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	432	183	147	---	1983
1984	128	108	88.3	80.1	220	3 840	1 880	1 120	728	400	194	138	733	1984
1985	83.1	88.2	86.7	88.0	482	1 280	873	841	588	331	134	104	388	1985
1986	83.3	80.8	80.2	84.8	788	1 800	777	448	388	266	110	78.8	387	1986
1987	87.1	84.6	84.4	87.7	895	1 700	883	772	811	338	178	144	481	1987
1988	105	88.4	90.2	87.0	877	1 750	851	488	382	233	145	107	481	1988
1989	82.8	88.3	84.0	82.0	588	1 080	481	493	844	283	164	118	324	1989
1970	88.1	78.9	88.8	85.2	778	1 840	1 110	880	808	381	181	117	483	1970
1971	84.8	84.3	48.8	88.8	1 000	1 880	818	886	834	258	182	110	477	1971
1972	78.8	82.7	83.7	80.1	748	1 820	808	832	888	281	138	113	448	1972
1973	74.7	81.7	88.8	72.0	1 130	1 810	1 140	788	738	302	127	78.8	817	1973
1974	82.8	38.7	38.8	42.4	888	1 180	843	881	444	248	187	133	380	1974
1975	88.2	73.8	88.8	80.8	1 080	2 880	1 140	838	888	817	188	123	888	1975
1976	80.4	73.7	82.8	84.2	883	1 080	788	484	337	288	116	70.8	370	1976
1977	84.1	74.7	83.0	88.7	1 000	1 870	874	481	384	280	78.0	78.1	407	1977
1978	82.8	88.4	88.4	83.3	810	1 300	1 100	804	328	352	194	123	388	1978
1979	82.8	80.7	83.4	88.2	1 080	1 830	1 280	788	481	423	210	122	820	1979
1980	82.4	70.4	71.8	80.8	834	1 280	781	741	588	483	188	127	441	1980
1981	82.8	78.7	87.2	77.8	881	848	848	843	828	421	180	108	431	1981
1982	88.8	84.8	48.8	88.3	802	1 830	884	838	321	280	144	88.4	391	1982
1983	78.3	77.0	81.8	71.7	708	1 840	724	788	808	318	188	111	488	1983
1984	88.8	81.8	88.0	108	888	1 220	821	480	328	223	140	108	374	1984
1985	88.8	74.8	88.3	88.8	888	1 820	1 170	848	838	340	123	78.8	482	1985
1986	78.8	87.2	86.7	86.4	748	2 120	1 030	807	831	271	110	80.3	418	1986
1987	83.3	74.8	82.0	88.8	747	1 710	813	831	848	848	140	111	481	1987
1988	80.3	71.2	88.3	118	1 380	1 810	1 040	888	888	438	218	140	848	1988
MEAN	80.8	88.7	81.8	72.7	811	1 870	834	884	838	338	188	108	488	MEAN

LOCATION - LAT 83 18 88 N DRAINAGE AREA, 81 000 km²
LONG 138 14 88 W NATURAL FLOW

STEWART RIVER AT THE MOUTH - STATION NO. 09DD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	5 840 AT 05:45 YST ON JUN 13 *	5 810 ON JUN 12 *	75.58 ON MAY 1	23 200 000	1984
1985	1 880 AT 06:00 YST ON JUN 3	1 830 ON JUN 3	85.18 ON MAR 26	12 800 000	1985
1986	2 100 AT 23:00 YST ON JUN 18	2 080 ON JUN 18	80.58 ON APR 1	13 200 000	1986
1987	2 880 AT 19:00 YST ON JUN 4	2 830 ON JUN 4	84.08 ON MAR 1	15 200 000	1987
1988	3 230 AT 05:00 YST ON MAY 29	2 210 ON MAY 29	83.18 ON FEB 11	14 300 000	1988
1989	1 880 AT 18:00 YST ON JUN 14	1 870 ON JUN 14	48.78 ON MAR 20	10 500 000	1989
1970	3 000 AT 10:05 YST ON JUN 8	2 840 ON JUN 8	58.08 ON MAR 22	15 200 000	1970
1971	2 780 AT 04:08 YST ON JUN 15	2 700 ON JUN 15	45.38 ON MAR 24	15 000 000	1971
1972	3 820 AT 11:57 YST ON JUN 3	3 570 ON JUN 3	48.48 ON APR 22	14 100 000	1972
1973	2 250 AT 07:28 YST ON MAY 20	2 210 ON MAY 20	58.48 ON MAR 18	15 300 000	1973
1974	1 800 AT 12:47 YST ON MAY 27	1 780 ON MAY 28	38.48 ON MAR 12 *	12 000 000	1974
1975	3 980 AT 21:58 YST ON JUN 8	3 980 ON JUN 8	58.88 ON APR 18	18 800 000	1975
1976	---	1 760E ON MAY 7	59.28 ON APR 14	11 700 000	1976
1977	2 840 AT 00:50 YST ON JUN 4	2 670 ON JUN 4	57.28 ON MAR 28	12 800 000	1977
1978	2 180 AT 12:30 YST ON JUN 12	2 180 ON JUN 12	43.38 ON APR 3	12 500 000	1978
1979	2 140 AT 02:30 YST ON JUN 4	2 110 ON JUN 4	53.58 ON FEB 8	15 400 000	1979
1980	2 080 AT 17:35 YST ON JUN 12	2 040 ON JUN 12	58.58 ON FEB 18	13 800 000	1980
1981	1 530 AT 23:30 YST ON MAY 31	1 530 ON JUN 1	52.08 ON APR 8	13 300 000	1981
1982	1 680 AT 08:10 YST ON JUN 17	1 850 ON JUN 18	45.58 ON FEB 24	12 300 000	1982
1983	3 840 AT 08:48 YST ON JUN 7	3 840 ON JUN 7	57.08 ON MAR 28	14 700 000	1983
1984	1 700 AT 00:42 YST ON JUN 18	1 680 ON JUN 17	58.58 ON JAN 27	11 800 000	1984
1985	3 800 AT 04:22 YST ON JUN 11	3 740 ON JUN 10	53.58 ON MAR 8	15 200 000	1985
1986	3 080 AT 13:44 YST ON JUN 12	3 030 ON JUN 12	54.08 ON APR 15	15 300 000	1986
1987	---	3 300A ON JUN 5	40.88 ON APR 2	14 500 000	1987
1988	2 380 AT 19:00 YST ON MAY 18	2 370A ON MAY 18	55.58 ON MAR 30	17 300 000	1988
MEAN				14 500 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YAGISH CREEK NEAR CARCROSS - STATION NO. 09AA011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	---	0.173	0.138	0.086	0.083	---	1955
1956	0.048	---	---	---	---	---	0.186	0.133	0.227	---	---	---	---	1956
1957	---	---	---	---	---	0.745	0.497	0.328	0.285	0.342	0.179	0.136	---	1957
1958	0.110	0.088	0.081	0.085	0.288	0.182	0.124	0.124	0.148	---	---	---	---	1958
1959	---	---	---	---	---	0.478	0.270	0.248	0.207	---	---	---	---	1959
1960	---	---	---	---	---	0.738	0.485	0.328	0.303	0.208	0.175	0.140	0.138	---	1960
1961	0.126	0.103	0.088	0.208	0.881	0.737	0.488	0.286	0.312	0.245	0.220	0.130	0.328	1961
1962	0.130	0.130	0.128	0.094	0.613	0.843	---	---	---	---	---	---	---	1962
1965	---	---	---	---	---	---	---	---	---	---	---	0.188	0.177	---	1965
1966	0.158	0.147	0.145	0.170	0.440	0.525	0.288	0.233	0.241	0.228	0.174	0.154	0.241	1966
1967	0.138	0.130	0.135	0.180	0.888	0.578	0.348	0.240	0.248	0.286	0.148	0.127	0.288	1967
1968	0.128	0.121	0.118	0.138	0.585	0.283	0.278	0.258	0.484	0.381	0.283	0.208	0.288	1968
1969	0.184	0.183	0.227	0.273	0.835	0.447	0.365	0.415	0.448	0.335	0.208	0.177	0.348	1969
1970	0.151	0.188	0.188	0.188	0.825	0.477	0.275	---	---	0.192	0.171	0.147	---	1970
1971	0.139	0.127	0.130	0.158	---	---	---	---	---	---	---	---	---	1971
MEAN	0.128	0.137	0.138	0.168	0.585	0.531	0.309	0.244	0.268	0.254	0.181	0.148	0.294	MEAN

LOCATION - LAT 60 17 32 N
LONG 134 18 00 W
DRAINAGE AREA, 78.8 km^2
NATURAL FLOW

YAGISH CREEK NEAR CARCROSS - STATION NO. 09AA011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	---	---	---	1956
1957	---	4.06 ON MAY 21 *	---	---	1957
1958	---	0.848 ON MAY 21	0.0788 ON MAR 19 *	---	1958
1959	---	2.52 ON MAY 23	---	---	1959
1960	---	1.62 ON APR 28	---	---	1960
1961	---	1.88 ON MAY 19	0.0888 ON FEB 12	10 300	1961
1962	---	1.53 ON JUN 5	0.0888 ON APR 8	---	1962
1965	---	---	---	---	1965
1966	---	1.42 E ON JUN 4	0.1448 ON FEB 28	7 890	1966
1967	1.88 AT 17:10 YST ON MAY 30	1.88 ON MAY 30	0.1258 ON NOV 29	8 010	1967
1968	2.27 AT 18:30 YST ON MAY 22	1.93 ON MAY 22	0.1108 ON FEB 24	6 520	1968
1969	2.74 AT 08:00 YST ON MAY 24 *	2.25 ON MAY 25	0.1428 ON JAN 14	11 000	1969
1970	2.58 AT 02:48 YST ON MAY 14	2.15 ON MAY 14	0.1188 ON JAN 18	---	1970
1971	---	---	0.1108 ON JAN 24	---	1971
MEAN				8 280	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TAKHANNE RIVER AT KM 187 HAINES HIGHWAY - STATION NO. 09AC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	0.848	0.880	0.853	0.824	4.10	11.8	7.00	7.88	4.88	2.41	0.700	0.848	3.82	1984
1985	0.873	0.814	0.788	0.834	4.48	---	---	4.72	3.81	2.83	1.40	0.822	---	1985
1986	0.832	0.721	0.881	0.834	2.83	---	---	---	4.23	3.08	1.82	1.37	---	1986
1987	1.08	0.738	0.722	0.884	3.88	11.8	8.88	4.08	3.88	4.84	1.84	1.44	3.83	1987
1988	1.10	0.888	0.703	0.784	8.88	18.8	17.2	7.89	4.80	4.83	2.38	1.88	8.72	1988
MEAN	0.900	0.783	0.787	0.808	4.30	14.3	11.3	8.18	4.80	3.88	1.88	1.18	4.38	MEAN

LOCATION - LAT 60 05 50 N DRAINAGE AREA, 388 km²
LONG 138 58 00 W NATURAL FLOW

TAKHANNE RIVER AT KM 187 HAINES HIGHWAY - STATION NO. 09AC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	34.7 AT 13:07 YST ON AUG 9	27.3 ON AUG 9	0.4628 ON NOV 30 *	111 000	1984
1985	---	---	0.7308 ON JAN 1	---	1985
1986	---	---	0.6858 ON MAR 2	---	1986
1987	45.7 AT 23:03 YST ON JUN 30	37.6 ON JUN 30	0.8818 ON APR 18	124 000	1987
1988	47.4 AT 01:01 YST ON JUN 11 *	41.1 ON JUN 10 *	0.8218 ON MAR 28	181 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		139 000	MEAN

TAKHINI RIVER AT OUTLET OF KUSAWA LAKE - STATION NO. 09AC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	81.7	75.4	41.3	16.1	---	1982
1983	9.32	9.03	8.81	7.00	14.3	133	234	187	102	47.7	25.7	13.0	68.8	1983
1984	9.78	7.71	8.34	8.89	17.4	77.8	131	148	80.1	41.8	25.4	19.8	47.1	1984
1985	12.4	9.77	8.08	7.87	11.1	25.7	---	---	---	40.0	---	---	---	1985
1986	---	---	---	4.33	---	37.7	128	131	82.9	---	---	---	---	1986
1988	---	---	---	---	---	---	144	118	87.5	34.5	20.8	13.0	---	1988
1989	9.68	8.05	7.88	7.31	12.4	127	178	110	88.0	40.4	22.3	18.1	80.3	1989
1980	9.43	8.02	8.15	8.88	18.1	88.8	148	180	82.3	45.8	28.7	18.0	48.3	1980
1981	8.24	7.82	7.08	8.23	---	---	---	---	---	88.0	28.3	17.8	---	1981
1982	12.2	8.80	8.80	7.83	18.8	121	187	188	101	82.3	---	---	---	1982
1983	---	---	---	---	---	84.8	204	188	127	78.2	38.8	18.8	---	1983
1984	14.2	11.3	10.2	8.34	8.28	188	188	---	---	---	---	8.18	---	1984
1985	8.28	8.34	7.78	8.75	7.84	38.2	138	128	84.8	48.1	28.8	17.8	63.7	1985
1986	11.3	8.01	8.74	8.71	8.88	78.2	178	134	80.2	88.8	28.1	18.8	80.8	1986
1987	8.34	7.28	8.88	8.43	11.0	121	182	137	127	74.8	33.0	18.0	88.0	1987
1988	10.8	8.77	8.02	7.71	---	---	---	---	104	88.2	28.2	17.8	---	1988
1989	11.8	8.82	7.71	8.83	11.8	143	182	104	78.8	88.2	34.1	21.3	82.2	1989
1970	18.8	10.3	8.28	7.30	10.3	48.4	82.8	101	88.8	42.8	27.7	18.3	37.4	1970
1971	10.8	8.88	7.82	8.84	7.88	84.3	180	188	88.2	45.3	22.2	12.8	88.2	1971
1972	8.80	7.88	8.00	8.21	8.28	88.8	183	180	101	48.8	27.2	18.7	84.8	1972
1973	8.80	7.32	8.31	8.88	8.31	48.1	131	124	73.8	38.2	18.8	8.24	38.7	1973
1974	4.82	3.88	4.38	8.88	10.2	87.2	127	148	121	84.8	37.7	23.8	80.8	1974
1975	14.8	8.88	8.18	8.14	12.4	80.1	208	138	108	80.7	38.8	21.2	87.8	1975
1978	13.3	8.82	8.33	7.41	10.7	80.2	173	138	82.2	88.3	37.8	24.8	82.7	1978
1977	18.8	10.8	8.70	8.28	11.2	81.7	181	178	102	81.8	27.8	18.7	88.0	1977
1978	10.7	8.43	8.82	8.41	8.80	78.3	130	127	82.8	48.8	28.0	18.3	48.2	1978
1979	11.1	7.38	8.32	8.18	18.0	74.0	188	144	103	82.8	38.0	20.8	88.3	1979
1980	14.8	10.7	8.74	8.88	11.8	108	180	130	73.1	81.8	38.8	21.1	83.2	1980
1981	14.3	12.3	11.7	11.1	21.8	108	171	188	123	78.8	44.1	28.4	84.8	1981
1982	18.1	10.7	8.88	8.48	8.38	78.0	182	144	88.7	88.8	34.7	21.8	84.8	1982
1983	13.8	11.8	8.88	8.48	14.4	88.8	184	122	78.2	48.0	22.8	13.8	48.8	1983
1984	8.88	7.88	7.08	7.02	10.4	88.1	108	128	78.8	48.3	31.8	14.8	48.8	1984
1985	11.3	8.88	8.18	7.80	8.84	44.8	180	138	77.2	41.3	21.8	14.7	47.3	1985
1988	10.8	7.72	7.42	8.83	8.87	82.3	218	188	77.3	48.7	33.4	21.8	84.8	1988
MEAN	11.3	8.87	7.81	7.18	11.8	80.3	182	140	88.8	53.8	28.8	17.4	81.7	MEAN

LOCATION - LAT 60 38 48 N DRAINAGE AREA, 4 870 km²
LONG 138 07 28 W NATURAL FLOW

TAKHINI RIVER AT OUTLET OF KUSAWA LAKE - STATION NO. 09AC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	---	---	---	1952
1953	285 AT 02:00 YST ON JUL 4	284 ON JUL 4	8.618 ON APR 25	3 070 000	1953
1954	169 AT 16:00 YST ON AUG 12	168 ON AUG 12	5.808 ON APR 8	1 690 000	1954
1955	---	---	7.628 ON APR 21	---	1955
1956	191 AT 17:00 YST ON JUL 22	188 ON JUL 23	3.628 ON APR 1 *	---	1956
1958	181 AT 14:35 YST ON JUL 10	186 ON JUL 10	---	---	1958
1959	266 AT 14:00 YST ON JUN 29	263 ON JUN 29	7.188 ON APR 11	1 690 000	1959
1960	181 AT 15:00 YST ON AUG 15	180 ON AUG 15	6.418 ON MAR 31	1 590 000	1960
1961	---	---	6.238 ON APR 1	---	1961
1962	---	2818 ON JUN 22	7.838 ON APR 1	---	1962
1963	255 AT 18:00 YST ON JUL 17	251 ON JUL 17	---	---	1963
1964	260 AT 08:30 YST ON JUN 21 *	278 ON JUN 21 *	6.368 ON DEC 31	---	1964
1965	189 AT 08:00 YST ON JUL 17	186 ON JUL 18	6.488 ON APR 28	1 280 000	1965
1966	206 AT 17:48 YST ON JUL 28	204 ON JUL 27	6.28E ON MAR 10	1 800 000	1966
1967	234 AT 11:40 YST ON JUN 28	232 ON JUN 28	6.18 ON APR 1	1 690 000	1967
1968	---	---	7.83E ON APR 21	---	1968
1969	243 AT 18:00 YST ON JUN 22	240 ON JUN 22	6.48E ON APR 11	1 880 000	1969
1970	121 AT 17:34 YST ON AUG 5	118 ON AUG 5	7.14 ON APR 8	1 180 000	1970
1971	239 AT 21:30 YST ON AUG 5	227 ON AUG 5	6.08 ON APR 24	1 740 000	1971
1972	181 AT 13:32 YST ON JUL 14	180 ON JUL 14	4.908 ON APR 23	1 730 000	1972
1973	163 AT 18:15 YST ON JUL 28	162 ON JUL 31	5.758 ON APR 14	1 250 000	1973
1974	186 AT 15:30 YST ON AUG 8	184 ON AUG 8	3.748 ON JAN 31	1 810 000	1974
1975	283 AT 18:27 YST ON JUL 15	282 ON JUL 15	7.93P ON APR 8	1 830 000	1975
1976	188 AT 18:48 YST ON JUL 13	184 ON JUL 14	7.08 ON APR 24	1 670 000	1976
1977	208 AT 12:00 YST ON JUL 21	208 ON JUL 21	7.93P ON APR 11	1 680 000	1977
1978	---	1478 ON JUL 15	6.14 ON APR 18	1 480 000	1978
1979	292 AT 20:01 YST ON JUL 22	201 ON JUL 12	5.57 ON APR 1	1 770 000	1979
1980	181 AT 18:03 YST ON JUL 27	180 ON JUL 26	6.28 ON APR 18	1 680 000	1980
1981	202 AT 18:12 YST ON JUL 25	201 ON JUL 25	10.5 ON APR 11	2 030 000	1981
1982	177 AT 22:01 YST ON JUL 10	175 ON JUL 10	7.85P ON APR 30	1 720 000	1982
1983	187 AT 18:07 YST ON JUL 8	184 ON JUL 8	8.12 ON APR 21	1 800 000	1983
1984	183 AT 01:30 YST ON AUG 15	182 ON AUG 15	6.81 ON APR 8	1 280 000	1984
1985	218 AT 18:11 YST ON JUL 22	218 ON JUL 22	7.21 ON APR 28	1 480 000	1985
1986	254 AT 22:06 YST ON JUL 23	248 ON JUL 23	5.89 ON APR 28	1 730 000	1986
				1 630 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TAKHINI RIVER NEAR WHITEHORSE - STATION NO. 09AC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	---	---	---	---	---	193	119	61.5	34.2	17.4	---	1948
1949	16.2	14.5	11.5	13.0	28.7	89.5	193	258	287	128	64.1	31.7	93.4	1949
1950	18.9	16.0	12.2	11.8	19.1	148	180	153	82.6	61.7	33.7	19.1	82.8	1950
1951	8.78	4.77	5.06	13.0	28.8	83.9	141	130	92.0	48.3	23.3	14.8	48.1	1951
1952	9.88	8.28	9.10	8.00	14.8	52.6	174	173	100	67.0	35.0	25.0	80.2	1952
1953	12.7	12.8	12.8	10.3	23.5	147	274	183	121	80.1	32.8	17.8	76.1	1953
1954	12.8	10.7	8.08	9.74	23.8	89.8	148	148	85.1	48.8	28.2	20.8	54.1	1954
1955	15.7	12.5	10.9	10.2	15.2	42.8	204	188	75.6	51.0	28.8	13.8	58.2	1955
1956	9.88	8.02	7.81	12.8	22.4	85.8	141	183	103	68.2	24.3	13.4	50.8	1956
1957	8.45	7.33	8.33	14.2	42.8	170	203	184	138	74.0	32.1	18.8	73.0	1957
1958	15.0	12.6	10.6	10.2	17.8	101	148	127	72.4	38.4	23.0	15.8	48.8	1958
1959	12.8	10.7	10.1	9.98	24.4	148	187	135	78.0	44.8	27.1	19.8	58.2	1959
1960	12.8	11.2	8.38	10.2	22.8	80.8	180	171	81.1	54.8	30.2	19.8	58.3	1960
1961	13.3	11.3	9.81	9.08	24.8	120	238	187	120	63.8	30.0	22.7	72.2	1961
1962	15.9	11.0	11.0	10.8	24.0	180	227	174	118	73.2	---	---	---	1962
1963	---	---	---	---	---	78.9	220	184	148	84.8	48.3	27.2	---	1963
1964	18.1	13.9	13.0	13.1	18.4	205	184	180	108	83.1	33.8	11.9	88.4	1964
1965	11.4	12.4	12.4	10.3	17.8	83.4	189	142	88.8	80.8	33.7	20.4	82.8	1965
1966	13.8	10.8	8.43	10.8	19.4	89.8	184	148	80.7	84.0	31.2	19.0	58.8	1966
1967	12.4	8.78	8.80	9.04	28.4	188	177	161	138	88.7	38.8	20.4	70.8	1967
1968	13.2	11.3	11.8	11.8	24.8	80.8	182	182	131	89.7	30.7	20.2	82.8	1968
1969	15.2	12.8	10.1	9.88	25.0	187	174	128	88.1	88.7	40.8	24.8	83.8	1969
1970	18.1	13.0	11.7	11.4	18.8	84.1	183	114	78.1	48.7	31.1	18.1	43.2	1970
1971	11.8	10.8	10.0	11.8	19.4	89.8	200	215	111	81.3	28.8	18.3	88.7	1971
1972	10.8	8.07	7.88	7.82	20.8	128	177	178	118	82.4	27.8	17.8	82.8	1972
1973	11.8	10.3	8.82	8.71	18.8	83.0	182	142	88.4	44.0	28.1	18.4	47.1	1973
1974	8.88	8.28	8.01	8.08	18.8	78.3	180	184	144	78.8	43.2	28.8	82.8	1974
1975	18.8	12.8	11.1	11.8	18.8	88.8	238	148	140	88.8	38.3	23.8	88.3	1975
1976	18.8	12.8	11.7	11.1	18.4	88.0	187	187	88.4	78.8	43.1	27.7	83.3	1976
1977	18.7	14.8	11.7	12.3	18.4	118	207	182	121	83.8	38.8	17.1	88.8	1977
1978	12.8	10.8	8.88	11.1	18.8	83.8	141	141	88.8	84.1	32.7	19.1	83.7	1978
1979	11.8	8.48	8.03	9.12	28.8	102	222	188	122	73.0	38.8	23.2	88.3	1979
1980	13.4	12.3	10.8	12.7	18.8	122	188	143	87.7	72.7	44.1	21.8	80.8	1980
1981	14.8	12.8	11.8	11.1	28.8	133	177	182	138	82.8	48.7	26.2	71.1	1981
1982	14.7	12.3	11.3	10.7	18.2	113	178	174	113	78.1	37.8	22.8	84.8	1982
1983	17.0	14.4	12.3	11.3	18.8	111	178	133	88.2	80.8	38.8	17.1	87.0	1983
1984	12.1	10.3	8.07	8.82	14.7	81.2	116	138	82.4	80.8	38.3	17.1	48.8	1984
1985	12.4	10.2	8.87	8.18	18.8	88.8	208	183	80.1	80.4	34.2	14.8	88.8	1985
1986	11.8	8.03	8.02	7.88	18.0	83.3	237	188	87.8	88.8	40.3	23.3	84.8	1986
1987	17.3	14.1	11.2	10.7	18.8	84.8	177	180	121	80.4	38.0	22.4	81.8	1987
1988	18.8	12.3	11.4	10.8	28.2	127	230	172	107	72.1	43.2	24.1	71.1	1988
MEAN	13.8	11.3	10.1	10.8	21.8	101	183	182	110	88.8	33.8	20.0	81.7	MEAN

LOCATION - LAT 60 51 08 N
LONG 135 44 21 W
DRAINAGE AREA, 8 880 km^2

TAKHINI RIVER NEAR WHITEHORSE - STATION NO. 09AC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1948	---	---	---	---	1948
1949	---	487 ON SEP 2 *	8.840 ON APR 8	2 810 000	1949
1950	---	281 ON JUN 22	10.6 B ON APR 8	1 880 000	1950
1951	---	181 ON JUL 21	4.330 ON FEB 19 *	1 820 000	1951
1952	---	214 ON JUL 28	8.880 ON APR 14	1 900 000	1952
1953	---	363 ON JUL 4	8.250 ON APR 25	2 480 000	1953
1954	---	156 ON JUL 23	8.500 ON MAR 29	1 710 000	1954
1955	---	238 ON JUL 14	10.2 B ON MAR 31	1 770 000	1955
1956	---	184 ON JUL 28	7.508 ON MAR 11	1 810 000	1956
1957	---	272 ON JUN 28	7.088 ON FEB 18	2 300 000	1957
1958	---	158 ON JUL 11	9.858 ON APR 20	1 570 000	1958
1959	---	288 ON JUN 20	8.838 ON APR 7	1 840 000	1959
1960	---	186 ON AUG 18	7.588 ON APR 1	1 780 000	1960
1961	---	284 ON JUL 3	8.088 ON APR 1	2 280 000	1961
1962	---	297 ON JUN 23	10.6 B ON APR 1	---	1962
1963	---	286 ON JUL 17	---	---	1963
1964	---	281E ON JUN 21	10.6 B ON DEC 31	2 180 000	1964
1965	204 AT 21:00 YST ON JUL 18	203 ON JUL 18	8.038 ON JAN 8	1 670 000	1965
1966	210 AT 14:00 YST ON JUL 30	208 ON JUL 27	8.278 ON MAR 11	1 850 000	1966
1967	248 AT 21:30 YST ON JUN 28	248 ON JUN 28	7.878 ON MAR 31	2 230 000	1967
1968	178 AT 14:30 YST ON JUL 3	178 ON JUL 4	10.8 B ON FEB 3	1 865 000	1968
1969	247 AT 00:30 YST ON JUN 23	246 ON JUN 22	4.018 ON APR 27	2 010 000	1969
1970	---	137E ON AUG 5	10.8 B ON MAR 27	1 380 000	1970
1971	290 AT 11:46 YST ON AUG 5	286 ON AUG 5	8.128 ON FEB 28	2 040 000	1971
1972	200 AT 11:05 YST ON AUG 10	200 ON AUG 10	7.268 ON APR 13	1 870 000	1972
1973	171 AT 12:30 YST ON JUL 27	170 ON JUL 27	7.668 ON DEC 31	1 490 000	1973
1974	238 AT 21:30 YST ON AUG 6	226 ON AUG 7	5.018 ON JAN 29	1 870 000	1974
1975	282 AT 17:08 YST ON JUL 13	289 ON JUL 14	10.8 B ON MAR 7	2 190 000	1975
1976	221 AT 11:30 YST ON JUL 14	220 ON JUL 14	10.8 B ON APR 19	2 000 000	1976
1977	245 AT 14:20 YST ON JUL 20	248 ON JUL 20	10.2 B ON MAR 23	2 170 000	1977
1978	158 AT 13:40 YST ON JUL 15	156 ON JUL 16	8.068 ON MAR 30	1 690 000	1978
1979	260 AT 16:50 YST ON JUL 6	249 ON JUL 7	7.788 ON MAR 1	2 150 000	1979
1980	178 AT 06:36 YST ON JUL 26	174 ON JUL 28	10.6 B ON FEB 17	1 910 000	1980
1981	202 AT 06:50 YST ON JUL 27	203A ON JUL 27	10.8 B ON APR 16	2 240 000	1981
1982	207 AT 14:00 YST ON AUG 6	208 ON AUG 6	10.6 B ON MAR 30	2 040 000	1982
1983	207 AT 21:19 YST ON JUL 8	208 ON JUL 8	10.6 B ON APR 23	1 800 000	1983
1984	170 AT 22:06 YST ON AUG 14	169 ON AUG 14	6.308 ON APR 13	1 480 000	1984
1985	230 AT 18:01 YST ON JUL 22	229 ON JUL 23	8.708 ON APR 5	1 780 000	1985
1986	280 AT 09:25 YST ON JUL 24	269 ON JUL 23	7.368 ON MAY 2	2 040 000	1986
1987	194 AT 13:22 YST ON JUL 31	193 ON JUL 31	10.0 B ON APR 15	1 940 000	1987
1988	311 AT 10:52 YST ON JUL 19 *	309 ON JUL 18	10.2 B ON APR 5	2 280 000	1988
				1 950 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TESLIN RIVER NEAR TESLIN - STATION NO. 09AE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1944	---	---	---	94.7	282	884	898	340	288	---	---	---	---	1944
1945	---	---	---	---	---	---	---	---	---	388	---	---	---	1945
1946	---	---	84.8	78.8	---	---	---	---	---	---	---	---	---	1946
1948	---	---	118	91.5	495	1 080	498	388	414	287	224	135	---	1948
1949	90.3	83.7	83.4	87.0	247	905	898	837	382	301	302	184	383	1949
1950	118	88.3	87.8	88.7	226	535	432	---	---	232	148	104	---	1950
1951	88.2	83.8	83.7	89.0	388	630	870	283	188	123	87.8	88.0	222	1951
1952	84.8	84.2	80.0	83.8	148	778	878	441	410	484	347	138	328	1952
1953	81.2	88.8	81.7	78.8	220	885	486	374	418	248	223	118	285	1953
1954	80.8	78.3	78.0	78.8	284	888	801	382	201	180	143	---	---	1954
1955	---	---	---	82.8	84.8	844	881	481	302	238	138	82.4	---	1955
1956	88.2	81.8	83.8	83.2	202	748	804	337	258	218	112	88.3	231	1956
1957	88.0	77.8	78.8	87.8	400	1 340	807	484	238	187	182	111	330	1957
1958	103	83.0	88.1	83.1	188	887	318	181	184	181	138	77.0	178	1958
1959	84.7	84.2	88.1	83.3	210	828	831	488	411	332	180	118	284	1959
1960	81.4	78.1	71.3	85.1	278	888	788	448	384	317	213	188	323	1960
1961	138	121	104	90.8	318	1 420	811	428	378	330	222	188	388	1961
1962	137	112	80.2	78.8	181	1 240	1 220	827	481	418	248	181	418	1962
1963	188	137	111	88.1	332	838	821	482	282	238	227	188	348	1963
1964	123	88.0	88.8	88.4	113	1 280	877	478	380	281	238	187	348	1964
1965	117	102	88.3	113	187	781	813	347	278	270	212	108	288	1965
1966	78.2	88.4	78.4	88.2	183	774	882	438	388	272	248	181	281	1966
1967	113	78.8	88.1	84.3	238	1 180	777	408	282	284	188	128	318	1967
1968	82.4	78.4	74.8	83.8	208	788	837	423	484	448	222	127	300	1968
1969	88.8	80.2	88.1	82.8	238	824	874	804	887	484	248	183	333	1969
1970	105	88.8	74.8	84.0	187	788	833	374	328	488	288	148	283	1970
1971	88.2	88.8	88.8	84.8	188	800	782	338	288	238	148	100	287	1971
1972	78.8	88.8	81.2	80.8	177	1 280	783	448	328	288	181	138	323	1972
1973	82.2	88.1	71.8	88.8	287	831	788	483	428	282	188	183	302	1973
1974	74.7	88.8	82.4	48.7	201	783	827	882	341	308	284	188	313	1974
1975	88.1	77.2	78.2	88.1	207	884	882	887	388	312	188	117	302	1975
1976	88.1	80.8	72.8	87.8	287	1 818	1 888	838	387	278	188	134	347	1976
1977	118	187	88.4	87.8	284	1 838	817	488	388	288	188	128	328	1977
1978	88.2	78.1	88.4	88.8	178	884	882	232	288	218	188	141	188	1978
1979	183	82.1	88.8	81.8	248	882	1 838	837	282	288	187	127	334	1979
1980	88.8	88.8	83.2	78.8	288	728	883	448	343	448	338	188	288	1980
1981	138	118	88.1	84.8	388	878	878	388	351	388	288	183	333	1981
1982	138	188	87.7	74.3	188	748	882	278	218	188	182	181	234	1982
1983	82.3	88.1	82.3	82.8	218	883	818	333	371	337	208	133	282	1983
1984	188	82.8	88.8	88.3	212	844	822	348	288	242	182	188	248	1984
1985	88.8	88.1	77.8	88.8	188	888	881	487	283	283	188	183	304	1985
1986	88.3	72.8	87.8	83.7	128	884	894	488	338	438	388	188	328	1986
1987	124	181	88.7	82.8	238	888	823	484	284	388	238	182	317	1987
1988	118	181	81.8	78.3	381	888	841	833	387	288	228	144	383	1988
MEAN	96.3	82.4	77.1	73.4	239	879	731	422	331	308	218	132	302	MEAN

LOCATION - LAT 60 29 04 N
LONG 133 18 07 W

DRAINAGE AREA, 30 300 km²
NATURAL FLOW

TESLIN RIVER NEAR TESLIN - STATION NO. 09AE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1944	---	974 ON JUN 15	80.8 ON APR 15	---	1944
1945	---	---	---	---	1945
1946	---	---	88.1 ON APR 17	---	1946
1947	---	1 370 ON JUN 4	76.38 ON DEC 31	---	1947
1948	---	1 130 ON JUN 27	48.78 ON FEB 18	11 100 000	1948
1949	---	851 ON JUN 21	70.88 ON DEC 31	---	1949
1950	---	983 ON JUN 15	41.88 ON FEB 13	7 030 000	1950
1951	---	1 230 ON JUL 4	43.98 ON FEB 1	10 400 000	1951
1952	---	881 ON JUN 2	72.5 ON APR 25	8 370 000	1952
1953	---	1 130 ON JUN 13	68.8E ON MAY 4	---	1953
1954	---				1954
1955	---	1 150 ON JUL 7	58.88 ON APR 27	---	1955
1956	---	810 ON JUN 21	38.28 ON FEB 24 *	7 320 000	1956
1957	---	1 480 ON JUN 13	68.3 ON APR 23	10 400 000	1957
1958	---	881 ON JUN 11	61.28 ON APR 16	8 850 000	1958
1959	---	1 070 ON JUN 16	53.68 ON JAN 13	9 280 000	1959
1960	---	1 080 ON JUN 28	67.48 ON MAR 13	10 200 000	1960
1961	---	1 880 ON JUN 15	68.4 ON APR 25	12 200 000	1961
1962	---	1 840 ON JUN 27 *	73.6 ON APR 24	13 100 000	1962
1963	---	1 040 ON JUN 26	64.3 ON APR 24	11 000 000	1963
1964	---	1 710 ON JUN 16	65.08 ON MAR 20	10 900 000	1964
1965	---	875 ON JUN 14	78.88 ON DEC 31	8 480 000	1965
1966	---	685 ON JUN 22	64.08 ON MAY 5	8 180 000	1966
1967	---	1 320 ON JUN 23	63.18 ON APR 13	10 000 000	1967
1968	---	884 ON JUN 17	60.5 ON APR 20	8 480 000	1968
1969	---	834 ON JUN 15	59.2 ON APR 14	10 500 000	1969
1970	---	788 ON JUN 13	62.3 ON APR 17	8 840 000	1970
1971	---	1 180 ON JUN 26	60.0 ON APR 22	8 400 000	1971
1972	---	1 810 ON JUN 20	48.08 ON FEB 28	10 200 000	1972
1973	---	1 080 ON JUN 24	54.1 ON APR 10	9 810 000	1973
1974	---	900 ON JUL 3	48.2 ON APR 11	9 870 000	1974
1975	---	1 040 ON JUL 7	56.9 ON APR 19	8 540 000	1975
1976	---	1 290 ON JUL 3	65.18 ON APR 20	11 000 000	1976
1977	1 330 AT 16:36 YST ON JUN 20 *	1 330 ON JUN 20	60.48 ON MAR 23	10 400 000	1977
1978	458 AT 05:35 YST ON JUN 30	458 ON JUL 1	62.3 ON APR 19	5 820 000	1978
1979	1 180 AT 11:13 YST ON JUL 8	1 180 ON JUL 8	77.3 ON APR 21	10 800 000	1979
1980	813 AT 16:50 YST ON JUN 14	810 ON JUN 13	82.38 ON MAR 3	9 250 000	1980
1981	1 050 AT 17:25 YST ON JUN 6	1 030 ON JUN 5	79.0E ON APR 30	10 800 000	1981
1982	812 AT 16:23 YST ON JUN 17	804 ON JUN 17	68.6 ON APR 30	7 280 000	1982
1983	771 AT 17:03 YST ON JUN 13	760 ON JUN 11	60.08 ON MAR 23	7 980 000	1983
1984	833 AT 17:56 YST ON JUN 28	829 ON JUN 29	60.28 ON APR 10	7 760 000	1984
1985	1 180 AT 10:10 YST ON JUN 11	1 160 ON JUN 10	63.2 ON MAY 4	8 800 000	1985
1986	1 080 AT 23:22 PST ON JUL 8	1 060 ON JUL 8	60.08 ON APR 30	10 300 000	1986
1987	1 070 AT 16:16 YST ON JUN 13	1 060 ON JUN 13	78.88 ON APR 26	8 880 000	1987
1988	1 200 AT 12:30 YST ON JUN 18	1 180 ON JUN 18	73.8 ON APR 18	11 800 000	1988
				9 540 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TESLIN RIVER NEAR WHITEHORSE - STATION NO. 09AF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	---	---	257	158	100	---	1955
1956	89.8	86.3	82.8	88.1	212	771	634	357	274	227	117	93.0	246	1956
1957	89.8	80.4	73.0	71.0	411	1 340	850	437	285	188	---	---	---	1957
1958	---	86.1	72.8	86.8	206	612	338	203	173	163	136	88.8	---	1958
1959	86.8	86.1	88.3	70.8	232	948	670	483	438	348	197	123	311	1959
1960	88.4	77.4	80.8	---	---	804	848	487	400	---	---	---	---	1960
1961	---	---	115	104	380	1 410	883	488	432	385	---	---	---	1961
1962	---	---	---	---	---	1 300	1 400	827	528	602	318	237	---	1962
1963	200	154	125	114	387	1 030	1 050	584	376	425	263	170	408	1963
1964	128	104	91.8	86.6	140	1 280	888	646	387	310	237	188	373	1964
1965	122	105	88.0	118	288	831	691	376	282	272	208	104	288	1965
1966	89.8	89.1	88.2	89.8	200	648	737	488	408	420	287	178	321	1966
1967	120	89.8	81.7	84.8	313	1 230	858	486	335	333	238	148	360	1967
1968	89.2	84.7	86.0	82.6	281	838	804	478	486	486	261	136	337	1968
1969	106	89.2	80.0	74.8	281	886	843	568	730	511	276	188	367	1969
1970	118	108	88.1	84.2	223	788	688	426	363	608	330	186	318	1970
1971	86.2	87.8	83.1	88.3	204	867	778	388	284	280	188	116	282	1971
1972	71.8	87.8	86.3	73.0	221	1 350	878	613	371	314	207	137	355	1972
1973	101	100	83.8	78.8	281	882	888	821	478	332	178	112	337	1973
MEAN	102	88.8	84.8	84.8	288	1 010	807	487	380	348	226	138	331	MEAN

LOCATION - LAT 61 29 21 N
LONG 134 48 38 W
DRAINAGE AREA, 38 800 km^2
NATURAL FLOW

TESLIN RIVER NEAR WHITEHORSE - STATION NO. 09AF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	852 AT 10:00 YST ON JUN 20	844 ON JUN 20	51.0E ON FEB 24	7 740 000	1956
1957	1 480 AT 13:30 YST ON JUN 13	1 470 ON JUN 13	88.1E ON APR 23	---	1957
1958	704 AT 10:30 YST ON JUN 12	706 ON JUN 12	55.1B ON MAR 25	---	1958
1959	1 080 AT 18:00 YST ON JUN 20	1 070 ON JUN 18	84.8B ON JAN 20	8 780 000	1959
1960	1 100 AT 20:15 YST ON JUN 29	1 080 ON JUN 29	---	---	1960
1961	1 820 AT 11:00 YST ON JUN 18	1 810 ON JUN 17	104 B ON MAR 18	---	1961
1962	1 880 AT 12:15 YST ON JUN 26 *	1 850 ON JUN 26 *	---	---	1962
1963	1 180 AT 20:15 YST ON JUL 12	1 180 ON JUN 27	110 B ON APR 25	12 900 000	1963
1964	1 720 AT 12:00 YST ON JUN 20	1 720 ON JUN 20	88.3B ON MAR 24	11 800 000	1964
1965	884 AT 12:30 YST ON JUN 17	848 ON JUN 17	78.5B ON DEC 31	9 000 000	1965
1966	1 080 AT 12:30 YST ON JUN 20	1 080 ON JUN 20	86.5B ON APR 29	10 100 000	1966
1967	1 480 AT 02:30 YST ON JUN 23	1 430 ON JUN 23	75.0B ON MAR 24	11 400 000	1967
1968	823 AT 18:00 YST ON JUN 18	815 ON JUN 18	70.0B ON FEB 3	10 700 000	1968
1969	1 010 AT 12:30 YST ON JUN 18	1 010 ON JUN 18	70.6B ON APR 13	11 800 000	1969
1970	---	855A ON JUN 18	83.3B ON APR 18	9 940 000	1970
1971	1 220 AT 18:05 YST ON JUN 24	1 210 ON JUN 25	84.0B ON APR 21	9 210 000	1971
1972	1 880 AT 11:05 YST ON JUN 21	1 840 ON JUN 21	80.4B ON MAR 1 *	11 200 000	1972
1973	1 120 AT 12:81 YST ON JUN 25	1 120 ON JUN 25	73.3B ON APR 8	10 800 000	1973
				10 500 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TOM CREEK AT KILOMETRE 34.8 ROBERT CAMPBELL HIGHWAY - STATION NO. 10AA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	2.79	3.48	2.27	1.35	---	1974
1975	0.782	0.598	0.613	0.881	11.9	6.38	5.54	3.54	2.64	1.94	1.20	0.783	3.09	1975
1976	0.883	0.611	0.489	1.32	21.3	15.5	13.4	4.38	3.03	1.81	1.11	0.873	5.38	1976
1977	0.819	0.582	0.539	1.17	11.0	11.4	5.04	3.40	2.78	2.21	0.961	0.376	3.35	1977
1978	0.353	0.203	0.172	0.541	3.11	1.95	2.33	1.88	2.02	2.36	1.77	1.47	1.52	1978
1979	0.889	0.373	0.361	0.447	10.4	10.9	10.8	3.17	2.18	1.80	1.17	0.575	3.80	1979
1980	0.300	0.323	0.284	0.871	8.80	4.35	2.74	2.08	2.72	4.80	1.88	1.07	2.37	1980
1981	0.813	0.758	0.738	0.804	10.6	7.37	3.31	1.88	3.12	2.28	0.978	0.328	2.74	1981
1982	0.201	0.185	0.146	0.181	8.38	8.38	2.25	1.61	1.82	1.25	0.578	0.426	1.71	1982
1983	0.288	0.174	0.180	0.814	8.37	3.87	2.08	1.70	2.88	1.88	0.948	0.888	1.71	1983
1984	0.391	0.362	0.328	1.02	8.32	8.84	3.00	1.74	1.83	1.70	0.988	0.886	2.24	1984
1985	0.478	0.432	0.418	0.483	8.88	7.88	3.15	1.82	1.88	1.75	0.820	0.438	2.17	1985
1986	0.388	0.813	0.877	0.882	7.78	7.87	10.4	3.10	2.13	3.21	1.84	0.882	3.27	1986
1987	0.710	0.585	0.527	0.848	7.33	10.7	8.25	3.88	2.87	2.83	1.17	0.933	3.34	1987
1988	0.677	0.487	0.386	0.481	14.2	11.8	15.7	4.88	2.86	2.12	1.38	1.04	4.78	1988
MEAN	0.524	0.433	0.388	0.709	8.17	8.12	8.42	2.78	2.48	2.36	1.38	0.781	2.88	MEAN

LOCATION - LAT 60 17 26 N
LONG 139 01 14 W
DRAINAGE AREA, 435 km^2
NATURAL FLOW

TOM CREEK AT KILOMETRE 34.8 ROBERT CAMPBELL HIGHWAY - STATION NO. 10AA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	19.3 E ON MAY 9	0.467B ON MAR 28	87 300	1975
1976	30.9 AT 01:44 YST ON JUL 4	30.6 B ON MAY 3	0.463B ON MAR 15	170 000	1976
1977	26.6 AT 06:05 YST ON MAY 26	26.3 ON MAY 26	0.383B ON DEC 31	108 000	1977
1978	---	5.32B ON MAY 14	0.187B ON MAR 24	47 800	1978
1979	---	24.6 E ON MAY 27	0.309B ON FEB 22	114 000	1979
1980	11.3 AT 07:00 YST ON MAY 15	10.8 ON MAY 14	0.266B ON MAR 15	74 800	1980
1981	16.8 AT 00:45 YST ON MAY 13	15.7 ON MAY 13	0.185B ON DEC 31	88 800	1981
1982	23.0 AT 04:57 YST ON MAY 19	20.6 ON MAY 19	0.134B ON APR 2 *	84 100	1982
1983	---	7.10E ON MAY 11	0.148B ON MAR 7	83 800	1983
1984	23.7 AT 01:14 YST ON JUN 9	20.7 ON JUN 9	0.310B ON MAR 18	70 800	1984
1985	18.3 AT 07:53 YST ON MAY 26	17.4 ON MAY 26	0.367B ON APR 5	88 800	1985
1986	22.8 AT 14:58 YST ON JUL 3	21.6 ON JUL 3	0.356B ON JAN 11	103 000	1986
1987	24.1 AT 06:38 YST ON JUN 3	23.3 ON JUN 3	0.510B ON MAR 15	105 000	1987
1988	33.7 AT 13:34 YST ON JUL 13 *	31.3 ON JUL 14 *	0.380B ON MAR 20	151 000	1988
				93 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WATSON RIVER NEAR CARCROSS - STATION NO. 09AA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	12.3	7.80	4.14	2.44	1.08	0.712	---	1955
1956	0.538	0.384	0.300	1.07	5.88	7.80	10.4	5.70	5.04	4.10	2.95	1.31	4.04	1956
1957	0.704	0.501	0.587	0.892	7.41	15.4	12.8	11.0	7.83	4.88	3.30	2.06	5.85	1957
1958	1.80	1.35	---	---	---	7.86	3.86	3.36	1.39	---	1.02	1.24	---	1958
1959	1.02	0.956	0.981	1.08	---	16.2	9.33	6.36	4.88	3.11	1.96	1.82	---	1959
1960	1.86	1.37	1.26	---	---	11.9	10.7	7.42	3.86	1.83	1.83	1.70	---	1960
1961	1.82	1.36	1.36	1.36	2.86	9.86	---	---	---	---	---	---	---	1961
1966	---	---	---	---	---	13.5	11.8	8.97	5.41	5.09	2.88	2.04	---	1966
1967	1.88	1.47	1.35	1.83	7.84	18.1	10.8	7.10	7.86	5.24	2.51	1.83	6.67	1967
1968	1.80	1.56	1.53	1.81	8.40	9.88	12.7	6.86	11.1	6.89	2.91	1.80	5.78	1968
1969	1.88	1.81	1.84	2.24	8.21	15.4	8.04	8.15	8.46	6.21	3.06	2.19	5.86	1969
1970	1.88	1.87	1.92	2.28	8.11	7.58	8.31	8.15	5.80	4.41	2.84	1.81	4.18	1970
1971	1.36	1.13	1.14	1.34	2.80	15.0	11.3	8.78	5.84	4.00	1.83	1.80	4.88	1971
1972	1.31	1.12	1.02	1.30	8.81	15.8	8.83	11.3	8.86	4.82	3.02	2.15	6.34	1972
1973	1.78	1.83	1.82	2.04	4.73	8.92	14.2	7.83	8.87	4.24	1.94	1.80	4.81	1973
MEAN	1.42	1.28	1.21	1.84	6.86	12.6	10.4	7.78	6.07	4.42	2.45	1.70	5.10	MEAN

LOCATION - LAT 60 13 00 N, LONG 134 43 50 W DRAINAGE AREA, 1 150 km² NATURAL FLOW

WATSON RIVER NEAR CARCROSS - STATION NO. 09AA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1955	---	---	---	---	1955
1956	---	18.6 ON MAY 13	0.2838 ON APR 1 *	128 000	1956
1957	---	23.3 ON JUN 6	0.5888 ON JAN 30	178 000	1957
1958	---	12.5 ON JUN 4	---	---	1958
1959	---	31.7 ON JUN 17	0.9438 ON FEB 24	---	1959
1960	---	24.0 ON JUN 28	1.22 B ON MAR 14	---	1960
1961	---	11.8E ON JUN 12	1.36 B ON JAN 16	---	1961
1966	22.0 AT 22:00 YST ON JUL 20	18.3 ON JUN 12	---	---	1966
1967	27.7 AT 14:00 YST ON JUN 20	26.0 ON JUN 20	1.28 B ON APR 4	178 000	1967
1968	49.0 AT 06:45 YST ON MAY 24 *	42.8 ON MAY 24	1.48 B ON FEB 26	163 000	1968
1969	30.8 AT 14:30 YST ON JUN 13	27.8 ON JUN 12	1.81 B ON MAR 8	176 000	1969
1970	12.7 AT 19:28 YST ON JUL 26	11.3 ON JUL 8	1.48 B ON DEC 27	132 000	1970
1971	45.8 AT 13:43 YST ON JUN 28	43.8 ON JUN 28 *	1.07 B ON FEB 26	153 000	1971
1972	37.4 AT 14:53 YST ON JUN 15	34.3 ON JUN 15	0.9868 ON MAR 12	188 000	1972
1973	26.8 AT 14:00 YST ON JUL 10	26.8 ON JUL 10	1.33 B ON DEC 2	162 000	1973
				161 000	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHEATON RIVER NEAR CARCROSS - STATION NO. 09AA012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	13.1	6.88	3.40	---	---	---	1956
1957	---	---	---	---	---	---	17.6	14.4	7.39	---	1.81	1.67	---	1957
1958	1.89	1.52	1.53	1.67	5.32	18.9	12.2	8.61	5.02	---	---	---	---	1958
1959	---	1.32	1.27	1.26	---	---	17.7	10.1	6.43	3.32	1.73	1.74	---	1959
1960	1.62	1.32	1.28	---	---	---	22.2	13.9	6.88	4.23	2.83	2.10	---	1960
1961	2.10	1.63	1.63	1.63	12.3	34.0	26.6	16.7	8.80	---	---	---	---	1961
1962	---	---	---	---	---	---	24.4	16.3	11.8	---	---	---	---	1962
1963	---	---	---	---	---	---	21.6	16.1	---	8.31	---	---	---	1963
1964	---	---	---	---	---	---	23.5	17.2	---	---	---	---	---	1964
1965	---	---	---	---	---	---	26.1	---	---	4.16	2.46	1.85	---	1965
1966	1.28	1.20	1.16	1.28	5.11	27.5	15.6	9.87	7.43	5.84	2.88	2.14	6.78	1966
1967	1.78	1.61	1.38	1.48	8.47	34.2	16.8	11.5	13.7	8.58	3.40	2.38	8.38	1967
1968	1.80	1.48	1.22	1.58	12.0	20.0	22.3	14.8	14.0	7.33	2.82	1.73	8.41	1968
1969	1.61	1.48	1.46	1.84	7.73	36.5	16.5	12.4	12.7	7.58	2.83	2.36	8.87	1969
1970	1.98	1.87	1.78	1.88	3.36	13.1	17.5	10.4	7.52	4.54	2.36	1.87	5.58	1970
1971	1.37	1.27	1.36	1.58	3.07	27.1	23.5	17.4	8.80	5.15	3.08	2.41	8.04	1971
1972	1.44	1.33	0.878	0.873	4.98	30.7	17.2	16.0	8.05	4.75	2.71	1.98	8.81	1972
1973	1.87	1.82	1.42	1.58	3.55	17.5	26.5	12.1	8.58	4.04	2.20	1.98	6.78	1973
1974	1.34	1.27	1.22	1.34	4.48	17.2	24.3	15.9	---	5.51	3.87	2.82	---	1974
1975	2.05	1.43	1.23	1.80	4.30	17.9	29.4	13.5	13.4	7.51	3.07	2.22	8.17	1975
1976	2.15	1.88	1.44	2.08	4.32	26.3	27.1	18.7	9.07	6.30	3.04	2.41	8.88	1976
1977	2.11	1.80	1.41	1.88	---	---	---	15.5	8.54	5.88	2.74	1.42	---	1977
1978	1.32	1.25	1.36	1.88	5.89	23.7	15.2	9.14	8.89	4.51	2.87	1.85	6.31	1978
1979	1.20	0.884	1.16	1.68	5.41	21.9	27.2	12.0	8.88	5.78	4.03	2.87	7.88	1979
1980	2.15	1.87	1.48	1.88	4.63	31.9	---	---	---	---	4.13	2.25	---	1980
1981	1.88	1.88	1.85	1.81	18.1	38.4	38.5	19.3	14.2	8.25	5.10	4.07	12.4	1981
1982	2.80	1.93	1.88	1.88	4.88	32.4	19.5	12.2	8.14	5.21	4.34	2.86	8.31	1982
1983	2.02	1.80	1.38	1.45	5.01	19.8	15.4	8.80	8.03	4.28	3.07	2.11	6.84	1983
1984	1.89	1.40	1.48	1.44	3.70	25.6	16.3	17.7	10.8	8.40	3.80	3.08	7.89	1984
1985	2.22	1.23	1.17	1.32	4.44	13.2	22.8	11.7	8.98	4.00	1.94	1.48	5.08	1985
1986	1.20	0.873	0.875	0.778	3.81	26.0	40.5	16.0	8.48	5.22	4.50	2.80	8.43	1986
1987	1.84	1.50	1.37	1.48	3.58	19.0	20.8	20.0	11.3	7.81	4.31	3.03	8.76	1987
1988	2.12	1.78	1.67	1.88	8.87	33.4	34.1	18.8	8.30	5.38	4.38	2.78	8.88	1988
MEAN	1.78	1.48	1.36	1.93	6.82	24.8	23.1	14.3	8.18	5.77	3.23	2.24	7.84	MEAN

LOCATION - LAT 60 08 05 N, LONG 134 53 45 W DRAINAGE AREA, 675 km² NATURAL FLOW

WHEATON RIVER NEAR CARCROSS - STATION NO. 09AA012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	33.8 AT 08:05 YST ON JUN 8	29.7 ON JUN 8	1.50 B ON FEB 21	---	1958
1959	44.2 AT 10:00 YST ON JUN 26	41.9 ON JUN 26	1.18 B ON APR 7	---	1959
1960	49.6 AT 11:15 YST ON JUN 27	48.1 ON JUN 27	1.26 B ON MAR 3	---	1960
1961	42.2 AT 08:30 YST ON JUL 2	40.8E ON JUN 8	1.53 B ON FEB 1	---	1961
1962	38.1 AT 08:30 YST ON JUL 7	37.7 ON JUL 7	---	---	1962
1963	51.8 AT 16:00 YST ON JUL 8	50.4 ON JUL 8	---	---	1963
1964	---	48.8E ON JUN 10	---	---	1964
1965	40.8 AT 08:00 YST ON JUL 2	38.5 ON JUL 2	---	---	1965
1966	48.1 AT 07:30 YST ON JUN 11	46.2 ON JUN 11	0.9858 ON APR 8	214 000	1966
1967	55.5 AT 08:30 YST ON JUN 19	53.0 ON JUN 21	1.30 B ON APR 15	268 000	1967
1968	54.3 AT 20:30 YST ON MAY 22	49.6 ON MAY 23	1.18 B ON MAR 19	288 000	1968
1969	56.3 AT 14:00 YST ON JUN 15	55.1 ON JUN 15	1.42 B ON MAR 6	270 000	1969
1970	29.7 AT 13:14 YST ON JUL 27	28.1 ON JUL 27	1.47 B ON DEC 30	176 000	1970
1971	56.6 AT 03:00 YST ON JUN 25	53.6 ON JUN 25	1.17 B ON FEB 28	263 000	1971
1972	54.7 AT 09:21 YST ON JUN 14	50.4 ON JUN 14	0.9298 ON MAR 15	215 000	1972
1973	53.0 AT 14:30 YST ON JUL 8	47.6 ON JUL 9	1.35 B ON MAR 20	213 000	1973
1974	45.0 AT 12:00 YST ON JUL 1	41.6 ON JUL 1	1.15 B ON FEB 28	---	1974
1975	56.6 AT 14:55 YST ON JUL 1	57.5 ON JUL 1	1.16 B ON MAR 19	284 000	1975
1976	62.3 AT 12:35 YST ON JUN 27	58.3 ON JUN 27	1.30 B ON FEB 29	274 000	1976
1977	---	---	1.22 B ON DEC 9	---	1977
1978	56.1 AT 06:45 YST ON JUN 19	48.0 ON JUN 19	1.18 B ON MAR 1	188 000	1978
1979	66.0 AT 01:57 YST ON JUL 5	63.9 ON JUL 5	0.8128 ON FEB 12	247 000	1979
1980	103 AT 12:25 YST ON JUN 7 *	91.5 ON JUN 8 *	1.33 B ON MAR 22	---	1980
1981	66.6 AT 22:54 YST ON JUL 17	64.9 ON JUL 18	1.70 B ON APR 15	280 000	1981
1982	56.6 AT 10:03 YST ON JUN 12	54.6 ON JUN 12	1.57 B ON APR 1	282 000	1982
1983	64.7 AT 06:56 YST ON JUN 1	57.2 ON JUN 1	1.28 B ON MAR 23	187 000	1983
1984	66.6 ON JUN 14	56.0E ON JUN 14	1.30 B ON APR 14	240 000	1984
1985	45.0 AT 08:10 YST ON JUN 5	40.6 ON JUN 5	1.08 B ON MAR 14	181 000	1985
1986	78.1 AT 14:53 YST ON JUN 8	72.9 ON JUL 5	0.6308 ON MAR 18 *	284 000	1986
1987	64.6 AT 11:22 YST ON JUL 1	62.2 ON JUL 1	1.25 B ON MAR 4	277 000	1987
1988	70.0 AT 12:26 YST ON JUN 12	67.4 ON JUN 12	1.40 B ON APR 4	313 000	1988
				250 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHITE RIVER AT KILOMETRE 1881.8 ALASKA HIGHWAY - STATION NO. 09CB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	45.8	19.8	8.1	---	1974
1975	15.4	14.4	14.4	15.1	82.1	292	418	248	115	38.8	18.0	16.0	98.1	1975
1976	17.0	17.2	16.2	15.8	83.8	270	487	408	82.8	36.1	19.5	14.8	120	1976
1977	14.0	14.5	15.0	15.8	83.5	303	358	459	85.8	36.1	22.3	17.2	118	1977
1978	15.5	14.7	14.5	15.5	80.5	290	356	401	188	32.7	14.1	16.8	113	1978
1979	13.3	14.3	16.5	24.4	71.8	235	488	484	142	36.8	24.8	14.8	131	1979
1980	12.8	15.5	15.8	18.4	46.5	287	482	---	---	50.2	25.1	13.6	---	1980
1981	13.0	11.8	10.6	10.9	70.3	195	388	258	89.6	43.6	22.2	14.0	83.3	1981
1982	12.6	11.8	12.2	13.8	47.3	223	408	378	128	41.8	19.7	14.2	110	1982
1983	12.4	11.7	13.3	15.2	52.8	271	530	329	81.8	36.1	24.7	18.4	126	1983
1984	13.9	12.4	12.2	18.8	84.9	141	278	283	86.8	33.4	19.1	13.8	78.3	1984
1985	13.0	12.8	14.8	17.4	---	180	311	---	---	36.3	14.0	13.2	---	1985
1986	12.8	11.7	10.7	10.0	33.4	187	849	---	---	---	12.8	10.5	---	1986
1987	11.8	11.0	11.5	14.5	42.7	177	488	340	100	30.1	17.1	13.5	107	1987
1988	10.2	11.5	12.1	12.8	67.2	284	733	282	82.3	46.3	23.8	17.7	132	1988
MEAN	13.8	13.2	13.7	15.8	66.7	228	488	383	103	38.0	19.8	15.2	112	MEAN

LOCATION - LAT 61 58 12 N, LONG 140 33 11 W
DRAINAGE AREA, 8 240 km^2
NATURAL FLOW

WHITE RIVER AT KILOMETRE 1881.8 ALASKA HIGHWAY - STATION NO. 09CB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	928 AT 19:36 YST ON JUL 13	801 ON JUL 13	14.0 B ON FEB 2	3 100 000	1975
1976	1 130 AT 04:07 YST ON AUG 2	983 ON AUG 2	13.5 B ON DEC 26	3 760 000	1976
1977	888 AT 02:30 YST ON AUG 22	897 ON AUG 23	13.6 B ON JAN 3	3 730 000	1977
1978	850 AT 00:20 YST ON AUG 8	725 ON AUG 8	11.8 B ON NOV 15	3 580 000	1978
1979	808 AT 22:50 YST ON AUG 1	721 ON AUG 2	11.5 B ON DEC 14	4 140 000	1979
1980	---	---	10.8 B ON JAN 12	---	1980
1981	934 AT 20:35 YST ON AUG 8	743 ON AUG 10	10.1 B ON MAR 24	2 940 000	1981
1982	818 AT 07:40 YST ON JUL 30	808 ON JUL 30	10.2 B ON FEB 15	3 480 000	1982
1983	877 AT 05:15 YST ON JUL 6	888 ON JUL 6	10.5 B ON FEB 18	3 880 000	1983
1984	488 AT 08:00 YST ON AUG 7	482 ON AUG 7	12.1 B ON MAR 8	2 810 000	1984
1985	844 AT 00:38 YST ON JUL 13	477 ON JUL 12	13.2 B ON FEB 8	---	1985
1986	---	1 440E ON JUL 3 *	8.808 ON APR 23 *	---	1986
1987	710 AT 09:28 YST ON JUL 5	630 ON JUL 5	8.808 ON MAR 6	3 380 000	1987
1988	1 310 AT 18:36 YST ON JUL 1 *	1 040 ON JUL 1	10.8 B ON FEB 11	4 180 000	1988
				3 520 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON TERRITORY

WHITESTONE RIVER NEAR THE MOUTH - STATION NO. 09PA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	1.79	1.36	1.46	1.84	189	67.7	169	104	92.3	21.1	11.8	5.83	54.8	1979
1980	3.26	2.33	2.19	2.69	185	78.1	24.5	121	41.0	9.73	5.47	3.98	37.5	1980
1981	3.21	2.85	2.30	2.47	198	84.8	172	31.3	21.9	13.8	7.23	4.13	34.7	1981
1982	1.88	0.980	1.27	1.94	253	201	80.8	48.7	40.7	11.4	3.94	2.60	51.8	1982
1983	2.04	2.01	2.05	6.39	128	127	21.2	25.4	28.1	11.0	4.78	2.39	30.1	1983
1984	1.23	1.16	1.89	2.11	101	---	---	---	60.7	8.70	4.27	3.82	---	1984
1985	3.51	2.84	2.08	2.03	188	---	---	---	83.5	17.7	4.78	2.18	---	1985
1986	1.84	1.69	1.62	1.86	6.89	80.7	25.0	35.0	27.2	6.36	2.48	2.03	14.6	1986
1987	2.17	2.01	1.83	1.69	126	35.9	37.6	117	45.6	14.8	5.39	3.46	33.5	1987
1988	2.79	2.84	2.48	2.38	176	73.2	60.9	88.7	73.9	9.40	3.83	2.82	42.1	1988
MEAN	2.38	1.86	1.89	2.71	144	83.8	68.6	73.0	50.2	12.4	6.41	3.27	37.4	MEAN

LOCATION - LAT 68 25 36 N DRAINAGE AREA, 8 730 km²
LONG 138 24 10 W NATURAL FLOW

WHITESTONE RIVER NEAR THE MOUTH - STATION NO. 09PA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1979	---	561E ON MAY 17	1.27 B ON FEB 11	1 720 000	1979
1980	---	600E ON MAY 18	2.06 B ON MAR 12	1 180 000	1980
1981	894 AT 02:11 YST ON JUL 21	715 ON JUL 20	2.17 B ON MAR 26	1 100 000	1981
1982	1 070 AT 16:26 YST ON MAR 27 *	1 030 ON MAY 27 *	0.780B ON FEB 21 *	1 640 000	1982
1983	587 AT 21:41 YST ON MAY 26	547 ON MAY 25	1.81 B ON DEC 31	949 000	1983
1984	---	---	1.05 B ON JAN 26	---	1984
1985	892 AT 22:50 YST ON MAY 23	649 ON MAY 23	1.81 B ON APR 4	---	1985
1986	181 AT 02:59 YST ON JUN 12	145 ON JUN 12	1.80 B ON MAR 30	456 000	1986
1987	566 AT 01:00 YST ON MAY 23	559 ON MAY 23	1.54 B ON APR 10	1 050 000	1987
1988	851 AT 12:17 YST ON MAY 24	832 ON MAY 24	2.19 B ON DEC 31	1 330 000	1988
				1 180 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER ABOVE FRANK CREEK - STATION NO. 09AB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	386	741	606	729	536	347	124	---	1953
1954	93.7	102	97.4	86.9	122	382	610	647	581	---	---	---	---	1954
1955	---	---	---	---	---	---	---	---	585	509	328	205	138	---	1955
1956	95.2	84.0	74.7	74.1	113	238	421	576	576	446	201	139	284	1956
1957	129	106	90.0	81.5	175	613	786	716	688	561	367	180	378	1957
1958	105	103	128	108	120	328	547	600	526	388	188	153	264	1958
1959	112	116	101	90.3	117	346	710	683	547	380	195	133	284	1959
1960	130	124	114	---	---	388	---	---	622	478	320	208	---	1960
1961	152	118	102	102	126	387	680	786	757	584	258	204	388	1961
1962	180	156	126	110	133	362	657	725	588	580	414	302	370	1962
1963	210	184	164	120	157	333	624	716	718	641	432	292	384	1963
1964	238	187	160	133	138	384	650	729	650	489	328	181	387	1964
1965	142	126	115	110	110	307	617	581	642	485	353	224	284	1965
1966	138	118	117	118	118	223	488	628	578	489	340	217	300	1966
1967	163	121	106	107	180	380	587	624	636	588	432	288	350	1967
1968	212	150	118	118	156	281	501	635	625	528	378	288	330	1968
1969	181	117	102	111	141	364	651	634	559	480	328	268	324	1969
1970	220	188	185	147	177	252	388	488	434	343	228	186	284	1970
1971	184	162	148	148	162	313	533	776	709	478	260	180	325	1971
1972	140	137	140	143	157	320	530	657	640	426	232	176	309	1972
1973	165	161	150	158	178	310	422	558	488	281	182	155	269	1973
1974	139	131	124	130	148	227	368	582	624	520	348	243	301	1974
1975	198	182	170	160	197	231	588	687	635	588	273	197	343	1975
1976	181	171	162	165	226	288	573	652	538	408	288	217	323	1976
1977	190	186	183	215	208	312	612	788	717	490	278	204	381	1977
1978	183	171	154	153	224	287	455	584	604	381	288	178	283	1978
1979	181	180	180	184	188	271	589	736	704	572	262	204	352	1979
1980	188	173	188	172	188	338	570	648	647	440	278	195	334	1980
1981	187	182	183	178	237	427	648	747	748	588	407	212	398	1981
1982	178	175	168	181	183	308	575	673	633	485	283	188	331	1982
1983	187	177	188	143	174	306	551	688	618	307	230	198	298	1983
1984	178	170	160	162	171	223	380	491	477	281	208	184	287	1984
1985	174	164	168	160	172	248	504	658	606	322	212	167	288	1985
1986	186	182	148	160	184	278	634	788	627	406	318	226	341	1986
1987	207	180	181	186	163	241	488	621	598	486	278	208	318	1987
1988	187	178	178	187	182	348	640	718	660	388	260	230	338	1988
MEAN	168	150	139	136	164	308	584	680	603	469	298	202	322	MEAN

LOCATION - LAT 61 28 04 N DRAINAGE AREA, 30 800 km²
LONG 135 11 18 W NATURAL FLOW

YUKON RIVER ABOVE FRANK CREEK - STATION NO. 09AB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	834 AT 02:00 YST ON AUG 15	821 ON AUG 14	---	---	1953
1954	880 AT 13:00 YST ON AUG 20	880 ON AUG 20	87.88 ON JAN 1	---	1954
1955	---	688 ON AUG 13	---	---	1955
1956	803 AT 15:00 YST ON SEP 3	803 ON SEP 3	70.88 ON MAR 28 *	8 040 000	1956
1957	801 AT 15:00 YST ON JUL 6	788 ON JUL 6	78.38 ON APR 14	11 800 000	1957
1958	812 AT 15:00 YST ON AUG 15	808 ON AUG 15	103 B ON APR 15	8 880 000	1958
1959	738 AT 15:00 YST ON JUL 15	738 ON JUL 14	89.58 ON APR 14	9 280 000	1959
1960	---	722A ON AUG 24	---	---	1960
1961	827 AT 11:30 YST ON AUG 28 *	824 ON AUG 28 *	102 B ON FEB 15	11 200 000	1961
1962	736 AT 17:00 YST ON AUG 6	736 ON AUG 6	108 B ON MAY 1	11 700 000	1962
1963	738 AT 14:00 YST ON AUG 26	738 ON AUG 26	120 B ON APR 1	12 100 000	1963
1964	760 AT 15:00 YST ON AUG 13	760 ON AUG 13	127 B ON MAY 1	11 300 000	1964
1965	695 AT 11:40 YST ON AUG 18	682 ON AUG 18	102 B ON MAY 18	8 850 000	1965
1966	648 AT 18:00 YST ON AUG 8	643 ON AUG 8	113 B ON MAR 11	8 450 000	1966
1967	686 AT 18:00 YST ON SEP 28	682 ON SEP 28	102 B ON MAR 20	11 000 000	1967
1968	680 AT 01:15 YST ON AUG 21	657 ON AUG 21	110 B ON MAR 25	10 400 000	1968
1969	674 AT 18:00 YST ON JUL 30	668 ON JUL 18	100 B ON MAR 24	10 200 000	1969
1970	693 AT 12:23 YST ON AUG 21	690 ON AUG 18	142 E ON APR 18	8 300 000	1970
1971	821 AT 23:45 YST ON AUG 22	818 ON AUG 22	142 B ON MAR 6	10 300 000	1971
1972	684 AT 15:13 YST ON AUG 30	681 ON AUG 27	136 B ON FEB 17	8 750 000	1972
1973	668 AT 18:00 YST ON AUG 11	665 ON AUG 11	147 B ON MAR 21	8 170 000	1973
1974	646 AT 20:00 YST ON SEP 12	643 ON SEP 7	121 B ON MAR 27	8 480 000	1974
1975	788 ON AUG 1	788A ON AUG 1	178 B ON MAR 15	10 800 000	1975
1976	683 AT 18:18 YST ON AUG 18	680 ON AUG 18	187 B ON APR 6	10 200 000	1976
1977	788 AT 05:83 YST ON AUG 30	783 ON AUG 30	153 B ON MAR 14	11 400 000	1977
1978	875 AT 10:45 YST ON AUG 20	868 ON AUG 20	148 B ON APR 3	8 280 000	1978
1979	748 AT 15:39 YST ON AUG 11	744 ON AUG 7	144 B ON FEB 19	11 100 000	1979
1980	858 AT 18:33 YST ON AUG 20	857 ON AUG 20	185 B ON MAR 17	10 800 000	1980
1981	---	782E ON SEP 21	157 B ON FEB 15	12 500 000	1981
1982	881 AT 17:43 YST ON AUG 18	887 ON AUG 18	150 B ON APR 3	10 400 000	1982
1983	811 AT 20:38 YST ON AUG 20	808 ON AUG 20	132 B ON APR 25	9 340 000	1983
1984	863 AT 07:05 YST ON AUG 28	848 ON AUG 28	148 B ON MAR 12	8 130 000	1984
1985	875 AT 13:32 YST ON AUG 8	873 ON AUG 8	161 B ON APR 12	9 100 000	1985
1986	787 AT 14:21 YST ON AUG 3	784 ON AUG 3	148 B ON MAR 23	10 700 000	1986
1987	834 AT 12:16 YST ON AUG 13	832 ON AUG 14	185 ON MAY 25	10 000 000	1987
1988	788 ON JUL 30	784E ON JUL 30	181 ON APR 27	10 800 000	1988
				10 100 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER ABOVE WHITE RIVER - STATION NO. 09CD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	1 270	1 050	618	318	---	1956
1957	281	267	241	237	2 270	3 630	2 810	1 580	1 250	1 030	751	467	1 240	1957
1958	417	321	268	287	1 050	1 950	1 380	1 180	1 080	788	488	388	788	1958
1959	317	251	237	248	1 810	2 490	2 450	2 030	1 680	1 110	---	---	---	1959
1960	---	---	---	282	1 580	2 480	2 450	2 180	1 780	1 250	734	510	---	1960
1961	447	357	311	311	1 580	2 580	2 850	1 840	1 670	1 570	880	610	1 350	1961
1962	453	425	340	311	1 810	5 080	3 710	2 090	1 930	---	---	---	---	1962
1963	---	---	---	---	---	---	3 130	2 180	1 870	1 730	984	680	---	1963
1964	568	481	435	397	893	5 280	3 080	2 080	1 590	---	---	---	---	1964
1965	---	---	---	---	---	---	---	---	---	1 220	811	488	---	1965
1966	278	244	244	288	1 180	2 780	2 220	1 580	1 340	1 200	881	644	1 080	1966
1967	421	384	288	272	1 810	4 140	2 840	1 850	1 630	1 390	812	487	1 350	1967
1968	400	309	335	384	1 140	2 810	2 840	1 880	1 580	1 590	843	488	1 240	1968
1969	388	312	288	321	1 280	2 610	2 170	2 030	2 240	1 490	842	840	1 200	1969
1970	428	373	347	338	1 330	2 480	2 010	1 800	1 530	1 410	753	438	1 110	1970
1971	348	338	338	324	838	3 010	2 220	1 840	1 420	1 070	804	427	1 050	1971
1972	371	348	307	281	1 270	4 400	2 840	2 100	1 580	1 070	817	348	1 250	1972
1973	338	328	301	328	1 580	2 600	2 580	2 000	1 780	1 030	672	383	1 170	1973
1974	274	260	244	273	1 300	2 880	2 140	2 280	1 800	1 210	833	508	1 140	1974
1975	412	388	348	328	1 580	3 110	2 880	2 080	1 820	1 580	881	424	1 320	1975
1976	387	360	351	275	1 840	2 880	3 040	1 930	1 400	988	704	470	1 240	1976
1977	440	422	382	433	1 520	3 010	2 670	2 010	1 630	1 250	831	481	1 230	1977
1978	381	342	288	300	1 270	3 300	2 120	1 800	1 250	1 050	808	448	1 040	1978
1979	378	337	338	388	1 550	3 280	3 120	2 230	1 420	1 180	884	443	1 280	1979
1980	418	402	380	421	1 180	2 100	1 840	1 840	1 530	1 430	888	548	1 110	1980
1981	482	382	367	400	1 710	2 410	2 130	1 800	1 530	1 480	1 040	584	1 170	1981
1982	444	488	381	389	807	2 880	1 780	1 380	1 180	1 030	818	428	888	1982
1983	387	384	333	384	1 310	3 050	1 880	1 880	1 550	1 080	715	488	1 110	1983
1984	390	388	318	388	788	2 490	2 180	1 800	1 520	1 070	815	517	1 010	1984
1985	488	430	418	418	1 080	3 380	3 030	2 070	1 510	1 130	858	483	1 280	1985
1986	420	401	380	318	1 120	3 770	3 230	2 470	2 080	1 870	1 350	802	1 510	1986
1987	588	443	383	383	1 420	3 270	2 480	1 780	1 580	1 380	738	448	1 240	1987
1988	407	388	343	400	1 780	3 030	3 280	2 510	1 570	1 270	884	332	1 340	1988
MEAN	401	358	337	338	1 380	3 170	2 850	1 820	1 800	1 250	734	480	1 180	MEAN

LOCATION - LAT 63 05 02 N
LONG 138 29 40 W
DRAINAGE AREA, 150 000 km^2
NATURAL FLOW

YUKON TERRITORY

YUKON RIVER ABOVE WHITE RIVER - STATION NO. 09CD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	5 270 ON MAY 27	2318 ON APR 21	38 000 000	1957
1958	---	2 350 ON JUN 13	2565 ON MAR 21	25 100 000	1958
1959	---	3 340 ON JUN 17	2278 ON MAR 28 *	---	1959
1960	---	3 080E ON JUL 31	2478 ON APR 8	---	1960
1961	---	4 980 ON JUN 14	3118 ON FEB 18	42 700 000	1961
1962	---	7 700 ON JUN 25 *	3118 ON APR 1	---	1962
1963	---	3 570 ON JUN 25	---	---	1963
1964	---	5 850 ON JUN 13	3238 ON MAY 1	---	1964
1965	---	---	---	---	1965
1966	3 430 AT 18:00 YST ON JUN 20	3 400 ON JUN 20	2418 ON FEB 18	33 000 000	1966
1967	5 070 AT 18:18 YST ON JUN 8 *	4 900 ON JUN 8	2448 ON APR 1	42 800 000	1967
1968	---	3 230 ON MAY 28	3038 ON FEB 8	38 100 000	1968
1969	3 080 AT 18:00 YST ON JUN 13	3 080 ON JUN 13	2468 ON MAR 28	37 800 000	1969
1970	3 820 AT 05:00 YST ON JUN 11	3 540 ON JUN 11	3378 ON APR 8	36 900 000	1970
1971	---	3 430E ON JUN 14	3068 ON APR 13	33 100 000	1971
1972	---	6 540E ON JUN 3	3268 ON APR 12	40 700 000	1972
1973	3 280 AT 15:40 YST ON JUN 21	3 280 ON JUN 21	2408 ON APR 3	38 800 000	1973
1974	---	3 080E ON JUN 4	3428 ON FEB 28	38 000 000	1974
1975	3 780 AT 12:18 YST ON JUN 8	3 780 ON JUN 8	3178 ON APR 2	41 800 000	1975
1976	---	3 850E ON JUL 18	3458 ON MAR 28	38 100 000	1976
1977	3 280 AT 15:50 YST ON JUN 8	3 230 ON JUN 8	3718 ON MAR 28	38 900 000	1977
1978	3 880 AT 21:00 YST ON JUN 10	2 880 ON JUN 9	2788 ON APR 12	32 900 000	1978
1979	3 770 AT 12:48 YST ON JUN 9	3 750 ON JUN 9	3208 ON FEB 12	40 400 000	1979
1980	---	2 480E ON JUL 18	3778 ON MAR 13	35 100 000	1980
1981	3 170 AT 21:00 YST ON JUN 2	3 010 ON JUN 3	3488 ON MAR 31	37 000 000	1981
1982	3 320 AT 08:32 YST ON JUN 13	3 310 ON JUN 15	3808 ON MAR 30	30 800 000	1982
1983	4 280 AT 04:06 YST ON JUN 5	4 210 ON JUN 7	3208 ON MAR 8	34 800 000	1983
1984	3 080 AT 23:58 YST ON JUN 15	3 030 ON JUN 16	3108 ON MAR 15	31 800 000	1984
1985	4 810 AT 04:53 YST ON JUN 8	4 650 ON JUN 8	4808 ON FEB 20	38 700 000	1985
1986	4 280 AT 14:15 YST ON JUN 10	4 200 ON JUN 10	3078 ON APR 20	47 700 000	1986
1987	---	4 280A ON JUN 5	3478 ON MAR 28	38 200 000	1987
1988	4 080 AT 03:08 YST ON JUL 19	4 050 ON JUL 19	2958 ON DEC 28	42 400 000	1988
			MEAN	37 600 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER AT CARMACKS - STATION NO. 09AH001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	---	983	831	883	320	183	---	1951
1952	182	148	138	142	378	1 310	1 800	1 280	1 280	1 210	808	384	784	1952
1953	280	247	210	181	830	1 080	1 420	1 380	1 420	1 020	884	308	728	1953
1954	284	238	222	218	848	1 880	1 400	1 170	821	780	804	281	878	1954
1955	223	226	220	170	383	888	1 880	1 380	978	718	328	232	818	1955
1956	202	178	161	158	481	1 180	1 170	1 020	822	751	342	229	685	1956
1957	222	210	197	188	781	2 290	1 870	1 300	1 080	629	616	353	829	1957
1958	318	267	228	224	480	1 080	816	884	780	577	346	273	628	1958
1959	192	190	183	182	487	1 830	1 800	1 440	1 210	886	393	286	712	1959
1960	258	247	218	242	865	1 500	1 700	1 480	1 280	952	516	344	813	1960
1961	322	286	227	227	832	2 270	2 140	1 530	1 420	1 140	473	483	922	1961
1962	368	328	256	238	948	2 420	2 680	1 840	1 430	1 240	---	---	---	1962
1963	---	---	---	---	---	1 870	2 130	1 590	1 280	1 280	820	823	---	1963
1964	481	368	311	278	388	2 430	2 120	1 480	1 180	880	681	348	899	1964
1965	284	280	280	282	441	1 280	1 320	1 080	980	822	541	418	883	1965
1966	260	214	212	252	411	1 380	1 430	1 220	1 080	857	471	421	883	1966
1967	337	280	231	221	835	2 110	1 710	1 240	1 110	1 050	817	328	835	1967
1968	282	274	267	263	836	1 410	1 480	1 300	1 220	1 180	700	422	787	1968
1969	336	288	234	238	842	1 880	1 530	1 440	1 880	1 180	882	438	833	1969
1970	328	286	285	284	485	1 240	1 180	1 010	934	881	544	348	855	1970
1971	301	310	289	285	488	1 830	1 480	1 230	1 070	773	443	303	711	1971
1972	270	285	245	232	877	2 140	1 700	1 350	1 140	848	383	281	788	1972
1973	288	288	248	284	801	1 400	1 800	1 270	1 130	701	358	273	701	1973
1974	218	208	201	228	888	1 380	1 480	1 490	1 170	874	724	422	787	1974
1975	348	331	295	278	825	1 270	1 880	1 480	1 280	1 100	810	338	813	1975
1976	308	310	288	313	768	1 740	2 040	1 380	1 030	770	840	387	823	1976
1977	380	318	288	348	818	1 730	1 800	1 490	1 220	883	483	347	828	1977
1978	314	287	263	241	818	1 080	1 000	828	800	818	490	284	588	1978
1979	287	282	281	301	831	1 840	2 040	1 480	1 070	880	843	383	832	1979
1980	332	324	334	348	878	1 380	1 320	1 380	1 110	1 080	808	448	783	1980
1981	387	328	318	317	818	1 870	1 800	1 220	1 230	1 180	778	432	858	1981
1982	377	404	331	317	488	1 380	1 300	1 040	825	788	488	318	877	1982
1983	282	288	285	285	848	1 400	1 310	1 110	1 080	788	481	322	880	1983
1984	294	287	238	248	478	1 200	1 280	980	888	884	400	380	838	1984
1985	310	288	278	278	488	1 810	1 780	1 370	988	731	430	308	739	1985
1986	288	282	284	247	802	1 480	1 870	1 880	1 280	1 020	788	838	867	1986
1987	400	357	318	285	884	1 870	1 810	1 230	1 080	908	844	318	784	1987
1988	308	282	290	310	718	1 880	2 080	1 880	1 170	874	828	418	888	1988
MEAN	288	274	251	252	887	1 880	1 830	1 300	1 138	908	842	382	747	MEAN

LOCATION - LAT 62 05 45 N, LONG 136 18 18 W
DRAINAGE AREA, 81 800 km^2
NATURAL FLOW

YUKON TERRITORY

YUKON RIVER AT CARMACKS - STATION NO. 09AH001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1951	---	---	---	---	1951
1952	---	2 200 ON JUL 3	1368 ON MAR 15 *	24 200 000	1952
1953	---	1 680 ON SEP 5	1768 ON APR 19	22 800 000	1953
1954	---	1 700 ON JUN 14	2158 ON MAR 28	21 300 000	1954
1955	---	1 770 ON JUL 8	1648 ON APR 11	19 500 000	1955
1956	---	1 380 ON JUN 12	1538 ON MAR 24	17 800 000	1956
1957	---	2 510 ON JUN 15	1848 ON APR 24	25 100 000	1957
1958	---	1 150 ON JUN 14	2148 ON APR 8	15 800 000	1958
1959	---	1 640 ON JUL 2	1788 ON MAR 28	22 800 000	1959
1960	---	1 880A ON JUN 30	2108 ON MAR 20	25 700 000	1960
1961	---	2 880 ON JUN 21	2278 ON FEB 15	29 100 000	1961
1962	2 830 AT 08:00 YST ON JUN 21	3 800A ON JUN 24 *	2388 ON APR 1	---	1962
1963	---	2 380 ON JUL 13	---	---	1963
1964	2 380 AT 11:00 YST ON JUL 14	2 880 ON JUN 23	288 ON MAY 17	28 400 000	1964
	2 880 AT 03:30 YST ON JUN 23 *				
1965	1 470 AT 08:00 YST ON JUL 7	1 480 ON JUL 7	2568 ON FEB 28	20 800 000	1965
1966	1 780 AT 18:15 YST ON JUL 8	1 710 ON JUN 18	2108 ON FEB 17	21 800 000	1966
1967	2 490 AT 21:15 YST ON JUN 23	2 480 ON JUN 23	2068 ON MAR 24	28 000 000	1967
1968	1 870 AT 09:00 YST ON JUL 7	1 850 ON JUL 7	2818 ON FEB 4	24 800 000	1968
1969	1 770 AT 04:30 YST ON JUN 18	1 780 ON JUN 18	2098 ON MAR 28	28 300 000	1969
1970	1 400 AT 18:30 YST ON JUL 22	1 380 ON JUL 22	2498 ON APR 18	20 800 000	1970
1971	1 870 AT 13:53 YST ON JUN 22	1 850 ON JUN 22	2618 ON APR 11	22 400 000	1971
1972	2 420 AT 10:42 YST ON JUN 26	2 410 ON JUN 26	2268 ON APR 19	24 800 000	1972
1973	1 810 AT 08:00 YST ON JUL 2	1 800 ON JUL 2	2278 ON DEC 31	22 100 000	1973
1974	1 750 AT 10:42 YST ON AUG 7	1 730 ON AUG 7	1868 ON FEB 27	23 800 000	1974
1975	2 040 AT 18:21 YST ON JUL 14	2 020 ON JUL 20	2728 ON APR 4	25 800 000	1975
1976	2 380 AT 17:05 YST ON JUL 2	2 250 ON JUL 2	2928 ON MAR 24	26 000 000	1976
1977	2 010 AT 11:00 YST ON JUN 21	2 000 ON JUN 21	2728 ON MAR 22	26 100 000	1977
1978	1 180 AT 10:20 YST ON JUN 17	1 180 ON JUN 17	2288 ON APR 4	17 800 000	1978
1979	2 280 AT 10:45 YST ON JUL 8	2 250 ON JUL 8	2698 ON FEB 12	25 800 000	1979
1980	1 530 AT 18:21 YST ON JUN 18	1 510 ON JUN 18	3038 ON FEB 18	24 700 000	1980
1981	1 780 AT 08:45 YST ON JUN 24	1 780 ON JUN 24	3018 ON MAR 23	27 000 000	1981
1982	1 630 AT 07:25 YST ON JUN 21	1 610 ON JUN 21	2908 ON DEC 26	21 400 000	1982
1983	1 490 AT 13:06 YST ON JUN 12	1 480 ON JUN 12	2568 ON MAR 9	21 400 000	1983
1984	1 470 AT 14:30 YST ON JUN 28	1 480 ON JUN 28	2308 ON MAR 10	18 800 000	1984
1985	1 880 AT 13:44 YST ON JUL 13	1 870 ON JUL 13	2808 ON FEB 15	23 300 000	1985
1986	2 120 AT 01:10 YST ON JUL 4	2 110 ON JUL 5	2418 ON APR 7	27 000 000	1986
1987	1 780 AT 07:08 YST ON JUL 4	1 780 ON JUL 3	2738 ON APR 13	24 100 000	1987
1988	2 480 AT 11:18 YST ON JUL 17	2 440 ON JUL 17	2908 ON FEB 11	27 800 000	1988
				23 800 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER AT DAWSON - STATION NO. 09EB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	842	3 810	5 850	4 770	3 910	3 220	3 080	1 430	1 170	---	1945
1946	---	---	---	---	889	4 710	5 130	4 030	3 280	2 870	1 820	1 100	842	2 240	1946
1947	906	854	530	888	903	4 210	5 810	4 170	3 010	2 780	2 280	1 120	1 090	2 240	1947
1948	811	417	458	903	4 210	5 880	4 810	3 720	3 700	3 180	2 100	1 040	878	2 170	1948
1949	728	481	373	709	4 330	4 810	3 720	3 700	3 180	2 000	1 300	---	808	2 040	1949
	810	431	413	834	4 880	5 480	5 870	4 880	2 880						
1950	883	884	463	842	3 480	4 280	3 430	2 840	2 210	1 480	714	328	1 770	1950	
1951	228	185	227	373	3 440	3 880	3 780	2 830	2 240	1 320	788	373	1 880	1951	
1952	282	282	258	287	1 870	4 840	4 820	3 180	3 080	---	---	---	---	1952	
1954	---	---	---	---	---	---	---	---	2 840	1 830	---	---	---	1954	
1956	---	---	---	---	---	4 470	4 430	3 840	2 800	1 820	884	837	---	1956	
1957	806	408	377	383	4 840	5 870	5 300	3 480	2 410	1 780	1 120	817	2 380	1957	
1958	883	408	438	481	2 480	4 320	3 240	2 880	2 140	1 120	848	478	1 810	1958	
1959	480	393	384	388	4 280	5 880	4 420	3 780	2 820	1 850	---	---	---	1959	
1960	887	820	485	488	3 810	4 880	4 880	4 810	3 470	2 140	883	878	2 300	1960	
1961	808	802	408	418	3 280	5 880	5 220	4 080	2 820	2 350	880	880	2 440	1961	
1962	823	588	810	481	3 830	5 830	5 830	4 780	3 530	2 810	1 180	801	2 810	1962	
1963	700	810	852	488	4 830	5 430	5 180	4 280	3 340	2 880	1 300	738	2 880	1963	
1964	851	823	888	838	1 830	12 200	7 140	5 070	3 180	2 030	1 040	821	2 870	1964	
1965	478	488	488	813	1 830	4 730	4 820	3 370	2 780	1 830	928	785	1 810	1965	
1966	488	408	401	474	2 880	5 740	4 420	2 880	2 240	1 480	740	887	1 880	1966	
1967	478	402	341	351	2 880	7 780	8 380	4 010	3 270	2 040	1 180	843	2 370	1967	
1968	522	481	817	888	2 840	5 880	5 030	3 880	3 070	2 230	1 180	782	2 230	1968	
1969	874	481	343	472	2 810	4 880	3 770	3 240	3 270	2 020	1 110	883	1 840	1969	
1970	842	487	424	414	3 880	5 130	4 100	3 180	2 800	2 080	1 000	840	1 830	1970	
1971	418	423	482	472	3 280	5 130	4 420	3 880	2 730	1 700	744	452	2 080	1971	
1972	418	438	408	382	2 710	5 030	5 200	3 880	2 810	1 880	883	808	2 270	1972	
1973	471	442	388	437	3 230	5 530	5 280	3 820	3 440	1 850	1 030	488	2 180	1973	
1974	328	300	283	334	2 840	5 040	4 120	4 800	2 880	1 830	1 400	884	2 080	1974	
1975	888	838	488	473	4 240	7 180	8 306	4 070	3 380	2 700	893	880	2 840	1975	
1976	844	808	488	818	3 800	5 870	5 710	3 880	2 380	1 880	1 070	887	2 240	1976	
1977	828	880	818	870	2 880	5 080	4 830	3 740	2 410	1 770	878	874	2 120	1977	
1978	828	428	384	408	2 180	4 420	4 880	3 880	2 420	1 880	1 280	748	1 840	1978	
1979	878	467	488	817	3 880	5 280	5 880	4 800	3 080	2 330	881	831	2 840	1979	
1980	880	888	844	880	2 880	4 480	4 170	3 800	3 240	2 870	1 830	735	2 130	1980	
MEAN	841	488	427	801	3 280	5 880	4 880	3 780	2 870	1 870	1 020	887	2 210	MEAN	

LOCATION - LAT 64 04 12 N, LONG 139 25 30 W

DRAINAGE AREA, 284 000 km^2

NATURAL FLOW

YUKON TERRITORY

YUKON RIVER AT DAWSON - STATION NO. 09EB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	6 650 ON MAY 22	3710 ON MAR 19	---	1945
1946	---	7 330 ON MAY 31	4810 ON MAR 21	70 800 000	1946
1947	---	7 900 ON JUN 3	3780 ON MAR 15	70 700 000	1947
1948	---	7 220 ON JUN 2	3580 ON FEB 19	85 800 000	1948
1949	---	7 380 ON JUN 27	3840 ON APR 14	80 100 000	1949
1950	---	8 080 ON MAY 13	3898 ON DEC 31	85 800 000	1950
1951	---	4 840 ON JUN 3	1800 ON FEB 19 *	82 000 000	1951
1952	---	6 140 ON JUL 3	3688 ON MAR 1	---	1952
1954	---	---	---	---	1954
1955	---	---	---	---	1955
1956	---	5 410 ON JUL 3	3488 ON APR 14	74 200 000	1956
1957	---	10 800 ON MAY 24	4138 ON APR 9	89 800 000	1957
1958	---	8 820 ON JUN 13	3848 ON APR 18	---	1958
1959	---	7 820 ON MAY 31			1959
1960	---	8 510 ON AUG 1	4288 ON MAR 28	72 700 000	1960
1961	---	10 100 ON JUN 13	3858 ON MAR 18	78 800 000	1961
1962	---	10 800 ON JUN 18	4818 ON APR 1	81 800 000	1962
1963	---	7 800 ON JUL 14	4818 ON APR 1	81 800 000	1963
1964	---	14 800 ON JUN 11 *	4818 ON MAY 1	93 800 000	1964
1965	---	8 800 ON JUN 3	4838 ON FEB 11	80 300 000	1965
1966	---	8 890 ON JUN 21	3988 ON MAR 18	88 800 000	1966
1967	---	9 830 ON JUN 8	3068 ON MAR 25	74 800 000	1967
1968	---	7 280 ON MAY 28	4478 ON FEB 5	70 800 000	1968
1969	---	8 120 ON JUN 15	3178 ON MAR 25	81 200 000	1969
1970	---	8 870 ON JUN 9	4118 ON APR 11	81 000 000	1970
1971	---	7 830 ON JUN 15	3868 ON JAN 24	88 400 000	1971
1972	---	12 100 ON JUN 3	3748 ON APR 11	71 700 000	1972
1973	---	8 800 ON JUN 24	3698 ON MAR 15	86 100 000	1973
1974	---	8 200A ON JUN 6	2938 ON FEB 21	85 800 000	1974
1975	8 230 AT 18:28 YST ON JUN 8 *	9 080 ON JUN 8	4828 ON APR 4	83 300 000	1975
1976	7 880 AT 20:38 YST ON JUL 17	7 830 ON JUL 17	4818 ON APR 3	70 800 000	1976
1977	7 110 AT 08:30 YST ON JUN 4	7 080 ON JUN 4	4988 ON MAR 30	88 800 000	1977
1978	8 880 AT 05:20 YST ON JUN 9	8 850 ON JUN 9	3438 ON MAR 23	81 100 000	1978
1979	7 480 AT 22:10 YST ON JUL 9	7 340 ON JUL 9	4308 ON FEB 27	80 200 000	1979
1980	8 100 AT 08:88 YST ON JUN 13	8 030 ON JUN 13	5308 ON FEB 21	87 200 000	1980
				88 800 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER AT EAGLE - STATION NO. 09ED001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	841	856	888	823	4 080	8 800	4 880	4 840	3 370	2 000	884	882	2 830	1983
1984	877	387	408	847	3 480	8 400	8 280	3 440	2 880	1 710	878	733	2 180	1984
1985	814	846	818	810	3 810	7 830	8 330	4 420	3 380	2 030	1 040	773	2 870	1985
1986	886	882	833	481	3 830	7 480	8 150	4 720	3 480	2 380	1 480	847	2 830	1986
1987	728	888	808	483	3 830	8 820	8 230	3 880	3 440	2 830	1 330	890	2 420	1987
1988	880	898	886	882	8 280	8 130	8 730	8 210	3 230	1 940	772	732	2 710	1988
MEAN	888	883	813	831	3 480	8 880	8 800	4 400	3 320	2 110	1 080	783	2 800	MEAN

LOCATION - LAT 64 47 32 N, LONG 141 11 52 W

DRAINAGE AREA, 284 000 km^2

NATURAL FLOW

INTERNATIONAL GAUGING STATION

YUKON RIVER AT EAGLE - STATION NO. 09ED001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	8 770 AT 15:30 AST ON JUN 7	8 710 ON JUN 7	5108 ON APR 1	78 800 000	1983
1984	---	7 180 ON JUL 8	3888 ON FEB 2 *	88 800 000	1984
1985	11 100 AT 21:30 AST ON JUN 10 *	11 000 ON JUN 11 *	5108 ON MAR 11	81 100 000	1985
1986	---	8 800 ON JUN 26	4818 ON APR 11	82 800 000	1986
1987	9 800 AT 01:00 AST ON JUN 8	9 540 ON JUN 6	4538 ON APR 1	76 400 000	1987
1988	---	9 080 ON MAY 18	5388 ON MAR 21	88 800 000	1988
				78 100 000	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER AT STEWART RIVER - STATION NO. 09EB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	3 310	1 400	884	438	---	1956
1957	410	383	357	321	4 230	6 180	4 820	3 210	2 240	1 580	883	572	2 130	1957
1958	569	454	393	418	3 020	3 700	3 010	2 730	1 930	973	---	---	---	1958
1959	---	376	352	372	3 640	4 840	4 020	3 880	2 750	1 670	---	---	---	1959
1960	544	444	394	441	3 280	4 280	4 640	4 410	3 210	2 000	882	704	2 130	1960
1961	522	498	424	411	2 790	5 850	4 920	3 830	3 880	2 210	841	623	2 250	1961
1962	585	510	453	425	2 870	8 600	6 310	4 510	3 300	2 380	1 130	787	2 880	1962
1963	584	582	524	480	3 870	5 080	5 880	4 030	3 180	2 450	1 150	708	2 400	1963
1964	983	623	542	510	1 480	11 000	6 830	4 810	3 040	1 810	878	671	2 730	1964
1965	438	418	422	472	1 800	---	---	---	---	---	---	---	---	1965
MEAN	681	474	428	428	2 880	5 380	5 020	3 880	2 780	1 830	838	628	2 380	MEAN

LOCATION - LAT 63 16 42 N DRAINAGE AREA, 251 000 km²
LONG 139 25 43 W NATURAL FLOW

YUKON RIVER AT STEWART RIVER - STATION NO. 09EB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1956	---	---	---	---	1956
1957	---	9 810 ON MAY 27	3008 ON APR 18 *	86 700 000	1957
1958	---	6 840 ON JUN 11	3788 ON APR 7	---	1958
1959	---	9 210 ON MAY 28	3408 ON APR 18	---	1959
1960	---	6 830 ON JUL 31	3778 ON APR 6	87 100 000	1960
1961	---	6 880 ON JUN 13	4118 ON MAR 17	71 100 000	1961
1962	---	10 200E ON JUN 18	4288 ON APR 1	84 800 000	1962
1963	---	7 800 ON JUL 14	4538 ON APR 1	75 700 000	1963
1964	---	13 300 ON JUN 12 *	4838 ON MAY 1	88 100 000	1964
1965	---	5 840 ON JUN 4	4188 ON FEB 11	---	1965
				75 200 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YUKON RIVER AT WHITEHORSE - STATION NO. 09AB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	---	---	---	---	---	483	388	300	---	1943
1944	109	88.4	86.3	91.9	338	405	598	601	543	512	388	309	317	1944
1945	104	90.5	82.4	70.4	327	408	618	483	408	302	197	93.3	232	1945
1946	88.2	79.2	86.4	69.8	315	381	488	487	476	376	87.1	72.8	241	1946
1947	87.4	88.0	86.8	87.9	307	388	602	483	437	380	118	80.8	238	1947
1948	76.3	76.5	73.4	88.3	183	483	804	538	481	328	80.7	79.8	248	1948
1949	71.0	84.1	80.2	78.3	317	382	587	446	434	311	111	122	214	1949
1950	112	88.8	88.2	84.8	184	322	480	477	484	374	107	72.4	234	1950
1951	72.1	88.2	88.2	83.8	180	314	410	497	471	333	78.8	68.8	218	1951
1952	88.8	88.8	88.4	82.7	184	343	381	478	478	442	313	141	233	1952
1953	110	88.4	84.8	72.0	127	382	588	831	687	407	284	88.8	288	1953
1954	71.1	88.0	81.8	73.8	111	387	478	488	438	322	148	88.4	234	1954
1955	80.8	88.8	88.0	88.1	73.8	148	448	478	274	305	85.8	88.7	188	1955
1956	77.8	71.8	87.7	84.4	88.8	323	533	418	420	312	124	101	193	1956
1957	84.4	88.3	83.3	77.0	188	448	834	887	558	488	244	128	288	1957
1958	130	108	81.8	78.2	104	327	438	484	378	333	128	104	217	1958
1959	88.2	82.3	72.9	87.4	88.2	338	538	488	394	361	140	103	218	1959
1960	84.4	80.4	82.8	82.8	108	318	434	538	488	317	170	131	234	1960
1961	107	88.0	77.8	78.1	111	388	618	588	671	428	213	188	278	1961
1962	138	122	83.4	78.8	80.7	381	488	628	601	432	318	214	274	1962
1963	183	133	107	84.8	128	378	481	848	682	511	328	228	288	1963
1964	183	144	112	103	88.4	318	483	847	488	381	248	148	288	1964
1965	113	101	102	88.8	83.2	183	388	437	428	388	283	184	224	1965
1966	102	91.1	87.8	84.8	83.2	186	378	481	438	378	248	183	228	1966
1967	131	93.8	78.8	78.8	108	388	388	448	488	428	288	181	245	1967
1968	133	104	87.8	81.8	108	338	377	481	487	387	283	188	243	1968
1969	112	78.1	73.8	73.4	88.2	312	488	484	408	331	218	182	238	1969
1970	138	123	113	114	138	214	283	384	303	248	158	148	188	1970
1971	128	118	118	118	108	184	414	883	528	328	181	130	244	1971
1972	121	120	117	118	117	248	388	801	488	388	178	130	238	1972
1973	123	123	121	124	121	178	328	488	387	183	124	118	188	1973
1974	111	108	104	108	108	174	287	383	438	382	222	188	218	1974
1975	148	138	134	138	141	182	484	582	488	388	184	148	284	1975
1976	142	128	143	180	178	248	437	487	348	288	224	148	248	1976
1977	148	134	148	184	188	280	487	884	841	347	174	138	288	1977
1978	138	130	128	128	140	248	338	481	338	238	208	128	213	1978
1979	134	130	128	137	143	238	448	548	548	487	183	148	283	1979
1980	142	142	180	188	188	314	441	488	378	377	243	138	283	1980
1981	138	133	138	188	218	378	488	681	611	508	238	148	314	1981
1982	144	184	173	188	188	384	432	472	483	388	141	133	248	1982
1983	148	178	184	117	148	288	377	428	338	182	173	133	232	1983
1984	134	133	134	128	138	183	302	383	318	188	181	148	182	1984
1985	138	130	143	120	118	188	378	444	388	387	138	131	284	1985
1986	128	118	113	138	128	232	488	884	411	288	218	178	244	1986
1987	187	183	148	144	148	382	388	488	481	288	188	188	342	1987
1988	184	184	187	133	183	288	484	618	421	288	188	188	288	1988
MEAN	117	108	104	100	138	283	428	481	448	337	182	138	248	MEAN

LOCATION - LAT 60 42 30 N DRAINAGE AREA, 19 400 km²
LONG 135 02 36 W REGULATED SINCE 1938

DATA CONTRIBUTED BY - WINNIPEG ELECTRIC RAILWAY COMPANY

REMARKS - RECORDS OBTAINED AT W.P. AND Y. RAILWAY DEPOT 1902-APR 11 1950: ROBERT CAMPBELL BRIDGE APR 18 1950-OCT 30 1972

YUKON RIVER AT WHITEHORSE - STATION NO. 09AB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1943	---	---	---	---	1943
1944	---	831 ON JUL 17	46.7B ON APR 7	10 000 000	1944
1945	---	481 ON AUG 13	58.3 ON APR 30	7 210 000	1945
1946	---	518 ON JUL 20	54.6 ON APR 28	7 880 000	1946
1947	---	473 ON JUL 31	47.3 ON APR 19	7 210 000	1947
1948	---	585 ON AUG 19	57.4B ON APR 13	7 830 000	1948
1949	---	467 ON AUG 31	53.9B ON MAR 29	8 780 000	1949
1950	---	504 ON AUG 31	53.4B ON MAR 27	7 370 000	1950
1951	---	487 ON AUG 18	48.4 ON MAY 3	8 830 000	1951
1952	---	552 ON AUG 27	55.2B ON FEB 21	7 380 000	1952
1953	---	846 ON AUG 9 *	51.4B ON DEC 23	9 020 000	1953
1954	---	515 ON AUG 13	54.3B ON JAN 1	7 380 000	1954
1955	---	531 ON AUG 6	53.4B ON APR 21	8 860 000	1955
1956	---	448 ON AUG 28	53.1B ON APR 28	8 100 000	1956
1957	---	588 ON AUG 20	75.0B ON APR 21	9 080 000	1957
1958	---	483 ON AUG 13	70.8B ON MAR 30	8 880 000	1958
1959	---	841 ON JUL 5	44.7E ON MAY 5	8 930 000	1959
1960	---	558 ON AUG 18	58.6 ON APR 28	7 400 000	1960
1961	---	529 ON AUG 25	62.0 ON APR 23	8 880 000	1961
1962	---	536 ON AUG 27	32.6 ON MAY 19 *	8 850 000	1962
1963	---	609 ON SEP 20	59.4B ON APR 20	8 310 000	1963
1964	---	592 ON AUG 28	32.6 ON MAY 21	8 420 000	1964
1965	---	486 ON AUG 2	41.9 ON MAY 21	7 080 000	1965
1966	---	488 ON AUG 1	33.7 ON MAY 28	7 120 000	1966
1967	---	627 ON SEP 28	65.7B ON APR 4	7 740 000	1967
1968	---	484 ON AUG 23	57.7 ON APR 28	7 890 000	1968
1969	---	507 ON JUL 20	48.0 ON MAY 10	7 400 000	1969
1970	388 AT 18:04 YST ON AUG 11	377 ON AUG 18	58.6 ON APR 13	8 180 000	1970
1971	643 AT 18:08 YST ON AUG 23 *	612 ON AUG 23	72.4 ON MAY 14	7 710 000	1971
1972	586 AT 18:48 YST ON AUG 24	536 ON AUG 25	61.6 ON JUN 4	7 420 000	1972
1973	---	418 ON AUG 12	104 B ON DEC 29	8 880 000	1973
1974	---	480 ON SEP 10	68.8 ON MAY 22	6 770 000	1974
1975	---	584 ON JUL 22	123 B ON APR 23	8 010 000	1975
1976	---	501 ON AUG 11	88.4 ON MAY 18	7 780 000	1976
1977	---	520 ON AUG 26	128 ON DEC 13	8 430 000	1977
1978	---	419 ON AUG 17	113 ON APR 12	8 710 000	1978
1979	---	588 ON AUG 31	122 B ON FEB 15	8 280 000	1979
1980	---	510 ON AUG 14	132 ON DEC 25	8 330 000	1980
1981	---	536 ON SEP 19	128 B ON FEB 12	9 800 000	1981
1982	---	441 ON AUG 8	104 ON DEC 3	7 830 000	1982
1983	---	442 ON AUG 21	108 ON APR 23	7 010 000	1983
1984	---	384 ON AUG 28	104 ON MAY 8	8 080 000	1984
1985	---	458 ON AUG 1	108 ON MAY 24	8 420 000	1985
1986	---	570 ON AUG 8	108 ON MAR 4	7 880 000	1986
1987	---	480 ON SEP 17	135 ON APR 16	7 630 000	1987
1988	---	538 ON AUG 7	122 ON APR 16	8 220 000	1988
				7 880 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ACASTA RIVER ABOVE LITTLE CRAPEAU LAKE - STATION NO. 10JA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	3.93	3.09	4.77	4.80	1.94	---	1980
1981	1.09	0.476	0.288	0.685	9.21	36.7	23.0	10.3	8.25	10.6	10.7	5.31	10.1	1981
1982	2.08	0.803	0.277	0.232	8.17	62.1	20.6	7.80	8.82	9.48	4.74	3.23	10.2	1982
1983	1.75	1.02	0.487	0.464	0.372	56.6	31.4	13.2	14.0	15.2	10.3	5.08	12.8	1983
1984	2.34	1.51	0.851	0.709	13.6	63.9	46.4	20.3	18.8	16.7	7.08	3.83	17.8	1984
1985	1.88	1.48	0.864	0.583	22.7	54.6	19.4	11.0	6.08	8.55	4.89	2.70	11.2	1985
1986	1.48	1.12	0.736	0.484	13.6	61.3	19.9	7.77	5.08	6.25	2.91	1.78	11.7	1986
1987	1.13	0.820	0.740	0.845	3.38	80.1	24.2	7.88	5.38	7.11	5.73	4.21	10.1	1987
1988	2.64	1.88	0.762	0.343	0.691	63.6	24.8	12.8	17.4	19.8	10.8	8.13	12.8	1988
MEAN	1.78	1.11	0.808	0.483	8.88	61.3	28.2	10.8	8.38	10.4	6.84	3.89	12.0	MEAN

LOCATION - LAT 64 52 30 N, LONG 116 08 19 W. DRAINAGE AREA, 3 280 km². NATURAL FLOW

ACASTA RIVER ABOVE LITTLE CRAPEAU LAKE - STATION NO. 10JA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	---	---	---	---	1980
1981	81.6 AT 05:28 MST ON JUN 4	81.7 ON JUN 4	0.288RB ON MAR 9	318 000	1981
1982	81.4 AT 14:24 MST ON JUN 7	80.8A ON JUN 7	0.200RE ON APR 5	322 000	1982
1983	---	98.6E ON JUN 20	0.288 ON MAY 28	384 000	1983
1984	197 AT 23:24 MST ON JUN 7 *	155 ON JUN 7 *	0.531B ON MAR 15	563 000	1984
1985	84.0 AT 08:34 MST ON JUN 3	83.6 ON JUN 3	0.455 ON APR 25	384 000	1985
1986	132 AT 00:38 MST ON JUN 6	130 ON JUN 6	0.341B ON MAY 7	380 000	1986
1987	74.2 AT 23:37 MST ON JUN 8	73.7 ON JUN 8	0.504 ON APR 30	318 000	1987
1988	89.2 AT 22:38 MST ON JUN 15	88.8 ON JUN 15	0.191 ON MAY 15 *	395 000	1988
				379 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX). B - ICE CONDITIONS. E - ESTIMATED. * - EXTREME RECORDED FOR THE PERIOD OF RECORD. R - REVISED SINCE JAN 01 1987

AKKUTUAK CREEK NEAR BAKER LAKE - STATION NO. 08MA004

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	0.810	0.738	0.030	0.008	0	---	---	---	1978
1979	---	---	0	0	0.208	0.877	0.084	0.018	0.002	0	---	---	0.198	1979
1980	---	---	0	0	0	0.478	0.088	0.284	0.111	0	---	---	0.102	1980
1981	---	---	0	0	0	0.888	0.218	0.004	---	---	---	---	---	1981
1982	---	---	0	0	0	0.731	0.178	0.188	0.378	0.084	---	---	0.247	1982
1983	---	---	---	---	0	0.880	0.074	0.188	0.200	0.088	---	---	0.264	1983
1984	---	---	---	---	0	1.07	0.124	0.134	0.231	0.024	---	---	0.281	1984
1985	---	---	---	---	0	0.783	0.378	0.231	0.325	0.024	---	---	0.287	1985
1986	---	---	---	---	0.184	0.882	0.188	0	0.088	0	---	---	0.178	1986
1988	---	---	---	---	0	1.22	0.171	0.113	0.285	0.071	---	---	0.300	1988
MEAN	---	---	0	0	0.045	0.800	0.221	0.118	0.184	0.028	---	---	0.230	MEAN

LOCATION - LAT 64 18 57 N, LONG 95 58 23 W. DRAINAGE AREA, 15.0 km². NATURAL FLOW

AKKUTUAK CREEK NEAR BAKER LAKE - STATION NO. 08MA004

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	3.43 ON JUN 24	0B ON JUN 1 *	---	1978
1979	---	2.87 ON MAY 28	0B ON MAY 1	2 540	1979
1980	---	2.33 ON JUN 14	0B ON MAY 1	2 580	1980
1981	---	2.58 ON JUN 10	0B ON MAY 1	---	1981
1982	---	2.87 ON JUN 17	0B ON MAY 1	3 930	1982
1983	---	3.80B ON JUN 11	0B ON MAY 1	4 040	1983
1984	---	3.87 ON JUN 6	0B ON MAY 1	4 180	1984
1985	---	2.89 ON JUN 10	0B ON MAY 1	4 830	1985
1986	---	2.81 ON JUN 20	0B ON MAY 1	3 700	1986
1988	---	7.00E ON JUN 8 *	0B ON MAY 1	4 770	1988
				3 880	MEAN

B - ICE CONDITIONS. E - ESTIMATED. * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ALLEN RIVER NEAR THE MOUTH - STATION NO. 10VC001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	15.7	15.4	3.86	0.014	---	---	---	---	1971
1972	---	---	---	---	---	---	20.4	3.06	---	---	---	---	---	1972
1973	---	---	---	---	---	---	---	5.78	---	---	---	---	---	1973
1974	---	---	---	---	---	---	24.8	4.00	---	---	---	---	---	1974
1975	---	---	---	---	---	---	5.20	---	---	---	---	---	---	1975
1977	0	0	0	0	0	5.89	19.8	1.77	0.038	0	0	0	4.80	1977
1978	0	0	0	0	0	0	27.4	3.78	0.047	0	0	0	5.08	1978
1979	0	0	0	0	0	0	21.0	1.23	0.018	0	0	0	3.74	1979
1981	0	0	0	0	0	---	---	2.85	0.010	0	0	0	---	1981
1982	0	0	0	0	0	---	---	---	---	0	0	0	---	1982
1983	---	---	---	---	0	---	---	---	---	---	---	---	---	1983
1984	---	---	---	0	0	---	---	---	---	0	0	---	---	1984
MEAN	0	0	0	0	0	5.87	19.3	3.12	0.023	0	0	0	4.84	MEAN

LOCATION - LAT 74 50 48 N DRAINAGE AREA, 448 km²
LONG 95 03 31 W NATURAL FLOW

ALLEN RIVER NEAR THE MOUTH - STATION NO. 10VC001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	105 A ON JUN 28 *	0E ON JUN 1 *	---	1971
1972	183 AT 20:00 MDT ON JUL 17	84.5 ON JUL 18	---	---	1972
1973	---	---	---	---	1973
1974	---	---	0E ON JUN 28	---	1974
1975	105 AT 19:17 MDT ON JUN 27	84.0 ON JUN 27	---	---	1975
1977	87.7 AT 20:00 MDT ON JUL 5	58.4 ON JUL 5	0E ON MAY 1	76 200	1977
1978	133 AT 18:10 MDT ON JUL 18	77.0 ON JUL 18	0E ON MAY 1	81 000	1978
1979	130 AT 18:00 MDT ON JUL 15 *	81.8 ON JUL 15	0E ON MAY 1	69 400	1979
1981	---	---	0E ON MAY 1	---	1981
1982	---	---	0E ON MAY 1	---	1982
1983	---	---	0E ON MAY 1	---	1983
1984	---	---	0E ON MAY 1	---	1984
				72 200	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ANDERSON RIVER BELOW CARNWATH RIVER - STATION NO. 10NC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	236	123	84.8	---	1969
1970	38.9	24.0	19.8	19.2	123	488	220	207	383	138	72.0	45.6	138	1970
1971	29.6	21.8	20.2	19.1	388	788	261	267	484	283	138	78.0	237	1971
1972	46.1	32.7	24.6	21.0	68.9	1 030	377	221	230	104	65.8	49.2	227	1972
1973	36.0	23.4	14.8	13.8	773	858	241	237	242	148	87.5	58.6	209	1973
1974	35.0	18.0	13.9	12.6	482	388	198	102	88.8	38.3	28.3	24.8	117	1974
1975	22.6	17.7	12.8	12.3	884	434	170	87.1	48.8	32.6	24.2	17.6	121	1975
1976	11.6	10.6	10.1	8.54	181	288	118	112	66.6	61.3	26.2	18.4	78.1	1976
1977	14.3	11.2	9.37	6.18	380	787	480	170	114	78.1	49.2	28.6	177	1977
1978	17.6	13.4	10.6	8.74	33.0	828	382	130	72.4	80.6	37.1	18.0	114	1978
1979	13.0	9.65	6.72	6.06	308	298	142	82.7	148	77.8	36.6	24.2	84.7	1979
1980	17.0	12.1	8.43	8.28	711	1 000	320	154	113	36.6	20.1	19.6	202	1980
1981	20.8	15.1	9.14	8.08	376	386	168	159	200	307	112	68.3	147	1981
1982	45.9	28.6	17.2	11.6	884	1 010	348	134	80.6	46.2	28.1	31.3	208	1982
1983	14.3	11.2	10.0	8.83	84.3	802	181	86.6	71.4	70.2	80.6	38.0	128	1983
1984	22.6	14.8	12.4	12.1	1 000	886	244	177	367	140	88.2	42.7	234	1984
1985	25.2	17.0	14.8	19.1	300	347	158	88.2	53.6	36.8	24.3	21.1	92.5	1985
1986	14.8	11.3	8.68	7.16	113	330	135	87.4	47.0	28.3	15.8	14.8	64.6	1986
1987	14.2	10.8	7.71	7.02	276	442	118	83.3	108	81.0	27.1	17.2	88.6	1987
1988	12.4	8.75	8.34	7.88	128	381	143	88.1	163	113	47.0	32.0	83.3	1988
MEAN	23.3	16.9	12.9	11.5	386	618	231	136	163	99.3	52.8	34.2	148	MEAN

LOCATION - LAT 68 36 39 N DRAINAGE AREA, 58 300 km²
LONG 126 26 30 W NATURAL FLOW

REMARKS - THE 1972 PEAK DISCHARGE IS BASED ON A HIGH WATER MARK OF 8.478 m

ANDERSON RIVER BELOW CARNWATH RIVER - STATION NO. 10NC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	1 200E ON JUN 1	19.0 RB ON MAY 11	4 350 000	1970
1971	---	1 600RE ON MAY 27	18.8 B ON MAY 7	7 470 000	1971
1972	---	3 000RE ON JUN 2 *	20.6 B ON APR 28	7 180 000	1972
1973	---	2 000RE ON MAY 31	13.5 RB ON APR 12	6 580 000	1973
1974	---	1 800RE ON MAY 18	12.4 RB ON APR 21	3 690 000	1974
1975	---	1 100RE ON MAY 12	11.7 B ON APR 2	3 810 000	1975
1976	---	700RB ON MAY 24	8.178 ON MAY 4	2 500 000	1976
1977	---	1 200RE ON MAY 20	7.788 ON APR 28	5 580 000	1977
1978	---	1 300RB ON JUN 3	8.348 ON APR 15	3 610 000	1978
1979	---	1 100RB ON MAY 20	4.228 ON MAR 19 *	2 980 000	1979
1980	---	2 600RB ON MAY 25	9.008 ON MAR 28	5 380 000	1980
1981	---	1 100E ON MAY 18	8.908 ON APR 19	4 630 000	1981
1982	---	2 200RE ON MAY 23	11.8 RB ON APR 17	6 600 000	1982
1983	---	1 700RE ON JUN 2	8.758B ON MAY 8	3 860 000	1983
1984	---	2 000B ON MAY 15	13.0 B ON APR 14	7 090 000	1984
1985	1 050 AT 18:57 MST ON JUN 1	1 000B ON MAY 20	14.4 B ON MAR 17	3 820 000	1985
1986	---	490B ON JUN 2	8.828 ON APR 28	2 040 000	1986
1987	1 840 AT 18:40 MST ON MAY 28 *	1 610 ON MAY 28	7.008 ON APR 18	3 130 000	1987
1988	---	780B ON MAY 26	7.438 ON APR 28	2 950 000	1988
				4 600 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

ANIGAQ RIVER BELOW AUDRA LAKE - STATION NO. 08MA007

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	0	101	41.2	12.4	18.6	1.85	0.038	---	---	1984
1985	---	---	---	---	0	102	46.5	32.4	38.8	7.82	0.582	0	27.7	1985
1986	---	---	---	---	1.83	133	77.3	11.3	8.09	2.50	0.135	0	27.6	1986
1987	---	---	---	---	0	72.2	110	32.6	26.6	6.83	0.634	0	31.4	1987
1988	---	---	---	---	0	140	48.4	10.3	8.38	4.82	0.126	0	28.2	1988
MEAN	---	---	---	---	0.384	108	84.5	19.8	19.1	5.14	0.284	0	28.2	MEAN

LOCATION - LAT 64 13 02 N, LONG 88 34 48 W
DRAINAGE AREA, 2 740 km^2
NATURAL FLOW

ANIGAQ RIVER BELOW AUDRA LAKE - STATION NO. 08MA007

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	295RE ON JUN 15	0B ON MAY 1 *	---	1984
1985	---	288 ON JUN 15	0B ON MAY 1	884 000	1985
1986	---	157 ON JUL 2	0B ON MAY 1	884 000	1986
1987	---	357 ON JUN 27	0B ON MAY 1	884 000	1987
1988	---	481E ON JUN 15 *	0B ON MAY 1	884 000	1988
				884 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

APEX RIVER AT APEX - STATION NO. 10UN002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR JUN TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	3.84	2.88	0.813	1.44	---	---	---	2.20	1973
1974	---	---	---	---	---	---	0.378	1.08	---	---	---	---	---	1974
1975	---	---	---	---	---	---	1.48	1.03	0.808	---	---	---	---	1975
1976	---	---	---	---	---	---	2.44	0.888	0.470	---	---	---	---	1976
1977	---	---	---	---	---	---	1.62	0.612	0.437	---	---	---	---	1977
1978	---	---	---	---	---	---	4.93	1.83	---	---	---	---	---	1978
1979	---	---	---	---	---	---	2.24	1.13	1.42	---	---	---	---	1979
1980	---	---	---	---	---	---	0.808	0.340	0.870	---	---	---	---	1980
1981	---	---	---	---	---	---	0.801	0.328	---	---	---	---	---	1981
1982	---	---	---	---	---	2.22	1.08	0.587	0.873	0.021	---	---	1.13	1982
1983	---	---	---	---	---	3.27	1.41	0.178	0.184	---	---	---	1.26	1983
1985	---	---	---	---	1.04	3.11	1.48	0.878	1.41	---	---	---	1.73	1985
1986	---	---	---	---	---	2.80	2.58	2.13	1.84	0.088	---	---	2.87	1986
1987	---	---	---	---	---	4.58	2.80	1.48	1.14	---	---	---	2.41	1987
1988	---	---	---	---	0.001	2.38	2.84	1.31	0.888	0.263	0.001	---	1.88	1988
MEAN	---	---	---	---	0.831	3.15	2.03	0.870	0.948	0.134	0.001	---	1.88	MEAN

LOCATION - LAT 63 44 03 N, LONG 68 27 15 W
DRAINAGE AREA, 68.5 km^2
NATURAL FLOW

APEX RIVER AT APEX - STATION NO. 10UH002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR JUN TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	11.8 AT 21:08 EST ON JUN 28	8.40 ON JUN 28	0.1428 ON JUN 1	23 200	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	---	---	---	---	1978
1979	---	---	---	---	1979
1980	---	---	---	---	1980
1981	6.32 AT 23:59 EST ON JUN 25	4.47 ON JUN 26	---	---	1981
1982	9.08 AT 03:41 EST ON JUN 24	4.46 ON JUN 24	0.0198 ON JUN 1	11 800	1982
1983	---	10.0 E ON JUN 19	0 B ON JUN 1 *	13 100	1983
1985	---	7.20E ON JUN 7	0.671 ON AUG 21	18 200	1985
1986	---	11.3 ON JUN 18 *	0 B ON JUN 1	27 100	1986
1987	15.3 AT 21:48 EST ON JUN 25 *	10.6 ON JUN 26	0 B ON JUN 1	25 400	1987
1988	---	8.73 ON JUN 29	0.0308 ON JUN 1	19 800	1988
				19 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ARCTIC RED RIVER NEAR THE MOUTH - STATION NO. 10LA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	---	77.0	48.0	24.4	18.4	---	1968
1969	12.3	9.65	8.38	9.72	---	238	335	677	308	72.6	33.0	19.8	---	1969
1970	13.2	11.1	11.2	12.9	117	470	---	---	---	103	38.3	18.8	---	1970
1971	13.0	12.0	11.5	11.6	---	---	282	537	280	82.8	34.3	18.7	---	1971
1972	12.1	8.88	8.86	18.0	183	708	263	288	300	88.7	32.0	19.2	148	1972
1973	18.4	12.4	---	---	---	488	293	488	332	89.5	13.3	8.32	---	1973
1974	8.31	7.82	7.83	8.00	18.8	---	---	870	218	88.8	31.7	21.1	---	1974
1975	30.4	18.8	17.2	15.4	781	823	328	---	288	84.7	13.2	8.04	---	1975
1976	7.75	7.88	8.88	11.4	483	824	248	320	184	83.8	30.7	18.1	188	1976
1977	14.0	12.7	12.0	12.3	388	348	318	187	83.8	42.4	18.2	14.8	184	1977
1978	13.1	10.8	8.84	8.08	88.8	787	388	237	138	88.8	24.3	18.8	148	1978
1979	12.8	11.4	11.2	11.8	448	372	442	381	238	138	28.8	18.4	188	1979
1980	13.4	12.3	18.8	18.3	481	388	188	---	172	72.7	22.3	18.8	---	1980
1981	13.8	11.8	18.8	11.8	124	482	877	288	148	84.4	18.3	11.8	181	1981
1982	18.2	8.71	8.48	12.7	288	784	381	282	138	88.8	28.8	28.8	188	1982
1983	15.8	13.3	13.1	18.8	188	858	288	318	188	84.8	28.1	17.8	138	1983
1984	12.8	11.8	18.8	18.8	447	888	441	838	227	48.3	38.3	28.8	182	1984
1985	18.2	13.8	12.2	14.8	323	382	218	187	182	83.7	17.7	17.3	117	1985
1986	17.8	18.8	13.8	13.4	88.8	881	388	441	232	83.8	28.8	33.2	188	1986
1987	28.3	14.8	12.1	13.4	488	488	228	327	288	118	24.8	18.8	148	1987
1988	18.2	14.8	13.3	17.2	428	388	287	238	388	83.8	27.7	18.8	188	1988
MEAN	13.8	12.8	11.8	13.3	388	808	388	378	282	74.2	24.8	18.8	188	MEAN

LOCATION - LAT 88 47 18 N
LONG 133 84 48 W
DRAINAGE AREA, 18 800 km^2
NATURAL FLOW

ARCTIC RED RIVER NEAR THE MOUTH - STATION NO. 10LA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	900 AT 21:00 MST ON AUG 22	876 ON AUG 23	8.018 ON MAR 28	---	1969
1970	7 850 ON JUL 22 *	---	---	---	1970
1971	---	1 120 ON AUG 12	11.2 B ON APR 17	---	1971
1972	---	1 380 ON JUN 6	8.808 ON MAR 2	4 800 000	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	1 830 AT 21:00 MST ON MAY 28	1 480 ON MAY 28	7.388 ON DEC 28	---	1975
1976	---	1 200 ON JUN 1	7 058 ON JAN 18 *	5 040 000	1976
1977	---	8808 ON MAY 17	11.8 B ON APR 18	3 270 000	1977
1978	1 380 AT 12:30 MST ON JUN 3	1 330 ON JUN 3	8.818 ON MAR 2	4 880 000	1978
1979	1 180 AT 18:00 MST ON MAY 18	1 140 ON MAY 18	11.2 B ON MAR 11	8 230 000	1979
1980	1 310 AT 17:00 MST ON MAY 28	1 300 ON MAY 28	8.208 ON APR 8	---	1980
1981	1 180 AT 12:35 MST ON JUL 2	1 120 ON JUL 2	10.8 B ON MAR 22	4 780 000	1981
1982	---	1 810 ON JUN 4	8.308 ON FEB 28	5 280 000	1982
1983	1 180 AT 18:44 MST ON AUG 12	1 0008 ON JUN 1	12.0 B ON MAR 15	4 340 000	1983
1984	---	1 0508 ON JUN 17	10.8 B ON MAR 28	8 080 000	1984
1985	---	8208 ON MAY 28	12.2 B ON MAR 14	3 880 000	1985
1986	1 580 AT 20:50 MST ON JUN 2	1 530A ON JUN 2	12.3 B ON APR 8	4 810 000	1986
1987	2 380 AT 17:10 MST ON MAY 28	2 310 ON MAY 28 *	12.0 B ON MAR 13	4 880 000	1987
1988	1 250 AT 20:35 MST ON SEP 7	1 080 ON SEP 8	12.8 B ON APR 8	8 020 000	1988
				4 750 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ATITOK CREEK NEAR DISMAL LAKES - STATION NO. 10PC002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	0.234	0.048	0	0	---	1979
1980	0	0	0	0	3.47	10.4	0.838	0.875	1.08	0.134	0.008	0	2.74	1980
1981	---	---	---	---	---	---	---	---	2.38	1.08	0.008	0	---	1981
1982	0	0	0	0	0.230	18.8	1.28	1.46	0.883	0.118	0	0	3.70	1982
1983	0	0	0	0	0.002	11.4	2.18	2.13	7.85	2.28	0.118	0	4.38	1983
1984	---	---	---	---	0	18.9	0.782	0.185	0.140	0.024	---	---	2.85	1984
1985	0	0	0	0	0.008	13.8	0.508	0.382	1.85	0.089	---	---	2.89	1985
1986	0	0	0	0	0.002	5.83	0.184	0.974	5.29	0.142	0	0	1.89	1986
MEAN	0	0	0	0	0.818	13.8	0.900	1.02	2.40	0.810	0.023	0	3.07	MEAN

LOCATION - LAT 67 12 52 N DRAINAGE AREA, 217 km²
LONG 116 38 32 W NATURAL FLOW

ATITOK CREEK NEAR DISMAL LAKES - STATION NO. 10PC002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	52.0 AT 22:50 MST ON JUN 8	38.4 ON JUN 8	0.0 ON MAY 1 *	43 800	1980
1981	---	---	---	---	1981
1982	---	46.08 ON JUN 13	0.0 ON MAY 1	69 800	1982
1983	---	39.78 ON JUN 14	0.0 ON MAY 1	69 400	1983
1984	105 AT 20:53 MST ON JUN 17 *	72.1 ON JUN 17 *	0.0 ON MAY 1	48 800	1984
1985	87.0 AT 20:16 MST ON JUN 11	57.4 ON JUN 11	0.0 ON MAY 1	42 700	1985
1986	61.1 AT 20:01 MST ON JUN 7	36.0 ON JUN 7	0.0 ON MAY 1	31 600	1986
				48 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BACK RIVER ABOVE HERMANN RIVER - STATION NO. 10RC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	43.3	34.6	32.7	31.7	31.0	78.3	2 430	888	487	279	148		388	1965
1966	78.3	60.3	46.6	41.0	37.0	880	2 040	773	1 400	858	270	.4	636	1966
1967	87.0	46.5	38.1	36.0	34.4	139	2 820	1 180	784	517	224	127	480	1967
1968	82.7	66.8	58.1	55.5	53.0	188	2 480	857	880	948	305	159	513	1968
1969	101	73.7	60.4	53.6	49.2	86.0	2 720	1 480	908	458	203	117	530	1969
1970	78.6	65.4	43.8	36.6	36.3	1 280	1 380	738	1 780	887	347	184	575	1970
1971	101	71.7	53.6	40.2	35.1	885	1 750	898	630	388	144	88.7	433	1971
1972	84.4	52.0	44.4	38.6	38.1	150 R	3 850R	816	478	283	132	78.2	487R	1972
1973	61.6	36.6	26.6	28.3	37.6	2 090	1 000	615	1 290	885	195	84.6	513	1973
1974	61.6	47.7	40.1	36.6	33.3	1 320	1 580	883	524	310	103	68.6	416	1974
1975	84.1	48.1	41.6	38.6	37.3	1 810	1 770	848	414	261	117	87.6	624	1975
1976	46.6	37.0	32.6	30.3	28.3	704	2 840	788	370	193	88.1	83.6	421	1976
1977	36.0	30.6	27.7	26.6	26.6	1 220	2 080	781	800	417	131	87.6	458	1977
1978	47.7	40.4	36.9	34.6	34.1	84.6	2 770	1 230	483	324	100	88.4	426	1978
1979	41.6	34.3	30.3	28.0	28.0	388	2 410	737	448	183	87.7	84.0	374	1979
1980	38.3	33.3	28.4	26.2	24.6	1 240	1 180	882	638	303	118	87.7	388	1980
1981	47.1	37.6	32.9	29.6	27.6	1 200	1 680	783	454	322	130	72.2	381	1981
1982	50.2	40.6	35.3	32.2	30.3	778	2 350	816	668	472	135	70.6	484	1982
1983	46.6	38.1	34.0	31.6	31.0	1 430	2 470	988	1 120	808	315	167	627	1983
1984	66.0	47.9	40.1	37.2	36.7	1 950	1 740	887	651	401	201	110	632	1984
1985	88.1	49.4	38.9	39.6	36.6	1 630	1 880	1 030	1 220	781	272	141	612	1985
1986	73.3	49.3	43.6	34.0	36.6	974	2 250	938	748	511	194	78.6	561	1986
1987	44.6	36.3	43.3	38.3	32.6	292	4 420	1 310	1 180	868	318	140	736	1987
1988	88.3	62.6	48.7	44.3	38.6	1 800	2 420	1 080	738	933	378	112	847	1988
MEAN	80.6	48.7	40.2	35.6	33.7	938 R	2 270R	909	795	490	185	98.0	484R	MEAN

LOCATION - LAT 68 05 10 N DRAINAGE AREA, 93 800 km²
LONG 88 30 15 W NATURAL FLOW

R - REVISED SINCE JAN 01 1987

REMARKS - PUBLISHED AS "BELOW DEEP ROSE LAKE" PRIOR TO 1988

BACK RIVER ABOVE HERMANN RIVER - STATION NO. 10RC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	4 050E ON JUL 10	30.0B ON JUN 13	12 200 000	1965
1966	---	3 820E ON JUL 1	36.0B ON JUN 1	16 000 000	1966
1967	4 780 AT 12:30 CST ON JUL 8	4 570R ON JUL 8	33.9RB ON JUN 11	15 600 000	1967
1968	---	3 990RE ON JUL 5	51.2B ON JUN 10	18 200 000	1968
1969	5 050B AT 15:05 CST ON JUL 13	4 930B ON JUL 13	48.0RB ON JUN 18	18 700 000	1969
1970	3 110B AT 16:00 CST ON JUN 22	3 090B ON JUN 22	35.8RB ON MAY 28	15 100 000	1970
1971	---	3 600RE ON JUN 28	29.4B ON MAY 31	13 900 000	1971
1972	---	7 700RE ON JUL 2	33.7RB ON JUN 14	15 700 000R	1972
1973	4 230B AT 04:00 CST ON JUN 15	4 120RB ON JUN 15	24.0B ON MAY 13 *	15 200 000	1973
1974	---	3 030RE ON JUN 24	32.8B ON MAY 31	13 200 000	1974
1975	---	4 380RE ON JUN 23	37.0RB ON MAY 24	13 700 000	1975
1976	---	4 300E ON JUL 1	26.8B ON JUN 4	13 300 000	1976
1977	---	4 800RE ON JUN 26	25.6RB ON MAY 28	14 400 000	1977
1978	---	4 500RE ON JUL 12	33.7B ON JUN 10	13 700 000	1978
1979	---	3 800RE ON JUL 3	26.0RB ON JUN 8	11 800 000	1979
1980	---	3 000E ON JUN 19	24.2RB ON MAY 27	11 300 000	1980
1981	3 050 AT 01:15 CST ON JUN 25	2 880 ON JUN 25	27.0RB ON JUN 3	12 300 000	1981
1982	4 670 AT 00:58 CST ON JUL 1	4 600 ON JUL 1	28.4B ON JUN 4	14 800 000	1982
1983	---	5 270 ON JUN 28	30.8B ON MAY 30	15 800 000	1983
1984	4 930 AT 11:35 CST ON JUN 24	4 730 ON JUN 24	36.0B ON MAY 8	15 800 000	1984
1985	5 190 AT 08:42 CST ON JUN 21	5 040 ON JUN 21	26.4B ON MAY 25	15 300 000	1985
1986	5 830 AT 10:40 CST ON JUN 30	5 540 ON JUN 30	27.8B ON MAY 12	15 300 000	1986
1987	9 890 AT 16:32 CST ON JUL 3 *	8 270 ON JUL 3 *	32.0B ON MAY 17	23 300 000	1987
1988	6 830 AT 23:42 CST ON JUN 26	6 470 ON JUN 27	38.0B ON MAY 17	15 800 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

BACK RIVER BELOW BEECHY LAKE - STATION NO. 10RA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.63	0.62	4.80	3.86	3.31	82.7	426	185	87.0	33.7	6.66	2.20	72.8	1978
1979	0.301	0	0.006	0.840	3.87	337	384	151	90.8	48.1	9.88	1.43	85.8	1979
1980	0.106	0	0	0.119	82.0	213	108	85.3	109	46.2	11.6	3.41	55.6	1980
1981	0.044	0	0	0.005	81.7	412	313	150	126	80.4	36.6	8.14	99.5	1981
1982	2.84	0.717	0.238	0.311	0.888	131	246	148	184	58.2	15.7	6.15	64.3	1982
1983	2.03	0.133	0	0	0	316	342	238	240	143	33.8	1.80	110	1983
1984	0.068	0	0.003	3.20	42.2	853	345	241	181	64.1	12.8	0.731	138	1984
1985	0	0	0	1.89	30.7	433	290	247	252	126	42.7	15.8	118	1985
1986	3.78	0	0	0.830	22.0	1 180	412	182	188	88.6	45.8	18.1	178	1986
1987	1.32	0	0	0.852	13.6	830	408	203	186	108	44.8	26.0	136	1987
1988	14.3	8.98	3.81	3.84	7.11	780	393	187	183	73.2	25.6	16.7	167	1988
MEAN	3.10	1.23	0.805	1.35	23.4	459	333	182	157	80.0	28.8	10.1	108	MEAN

LOCATION - LAT 65 11 34 N
LONG 106 04 36 W
DRAINAGE AREA, 19 800 km^2
NATURAL FLOW

BACK RIVER BELOW BEECHY LAKE - STATION NO. 10RA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	820E ON JUL 2	0.863B ON DEC 31	2 290 000	1978
1979	---	824A ON JUN 25	0 B ON JAN 21 *	2 710 000	1979
1980	---	313A ON MAY 31	0 B ON JAN 18	1 780 000	1980
1981	585 AT 23:20 MST ON JUN 8	560 ON JUN 7	0 B ON JAN 11	3 140 000	1981
1982	---	328E ON JUL 2	0.210B ON MAR 18	2 030 000	1982
1983	---	815B ON JUN 20	0 B ON FEB 18	3 480 000	1983
1984	1 010 AT 17:40 MST ON JUN 8 *	974 ON JUN 8	0 B ON JAN 15	4 080 000	1984
1985	605 AT 05:35 MST ON JUN 8	603 ON JUN 6	0 B ON JAN 1	3 780 000	1985
1986	---	1 600E ON JUN 8 *	0 B ON JAN 24	5 600 000	1986
1987	855 AT 19:36 MST ON JUN 16	847 ON JUN 16	0 B ON JAN 11	3 850 000	1987
1988	---	1 650E ON JUN 12	3.6B B ON MAR 26	4 880 000	1988
				3 400 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BAILLIE RIVER NEAR THE MOUTH - STATION NO. 10RA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	15.0	5.66	1.44	---	1978
1979	0.071	0	0	0	---	---	---	41.6	25.6	13.4	5.17	1.38	---	1979
1980	0.134	0	0	0	12.1	102	45.7	21.6	48.8	8.33	1.61	0.140	20.1	1980
1981	0.001	0	0	0.004	141	263	121	41.5	34.8	25.8	5.05	0.371	52.8	1981
1982	0	0	0	0	0.580	170	108	80.3	121	45.4	11.8	5.18	43.6	1982
1983	0	0	0	0	1.10	807	150	105	158	79.1	18.5	2.17	101	1983
1984	0	0	0	0	147	707	122	81.1	76.3	89.0	18.8	0.803	101	1984
1985	0	0	0	0	4.85	306	139	133	85.8	25.0	1.67	0	57.9	1985
1986	0	0	0	0	1.84	837	171	97.1	89.1	45.8	2.48	0	101	1986
1987	0	0	0	0	1.84	807	246	111	185	85.8	28.3	5.73	108	1987
1988	3.21	0.442	0.330	1.48	5.88	716	223	84.8	124	122	61.1	14.8	112	1988
MEAN	0.342	0.044	0.033	0.148	35.1	478	148	84.7	95.8	47.8	13.8	3.37	77.3	MEAN

LOCATION - LAT 65 02 39 N, LONG 104 30 45 W DRAINAGE AREA, 14 800 km² NATURAL FLOW

BAILLIE RIVER NEAR THE MOUTH - STATION NO. 10RA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	---	---	---	1978
1979	---	---	---	---	1979
1980	---	198E ON JUN 5	0 B ON JAN 20 *	634 000	1980
1981	---	488E ON MAY 26	0 B ON JAN 5	1 670 000	1981
1982	---	202E ON JUN 23	0 B ON JAN 1	1 370 000	1982
1983	---	1 820E ON JUN 13	0 B ON JAN 1	3 170 000	1983
1984	---	2 360E ON JUN 1 *	0 B ON JAN 1	3 200 000	1984
1985	---	813E ON JUN 5	0 B ON JAN 1	1 820 000	1985
1986	---	1 920E ON JUN 6	0 B ON JAN 1	3 180 000	1986
1987	1 780 AT 18:30 MST ON JUN 12 *	1 690E ON JUN 12	0 B ON JAN 1	3 340 000	1987
1988	---	2 270E ON JUN 5	0.148E ON MAR 3	3 830 000	1988
				2 440 000	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BAKER CREEK AT OUTLET OF LOWER MARTIN LAKE - STATION NO. 07SB013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	0.001	0.032	0.058	0.051	0.132	0.522	0.118	0.051	0.040	0.025	0.042	0.070	0.088	1983
1984	0.058	0.051	0.046	0.187	0.857	0.188	0.048	0.023	0.007	0.006	0.006	0.004	0.132	1984
1985	0	0	0	0	2.58	1.28	0.107	0.006	0.002	0.002	0.004	0.007	0.335	1985
1986	0.005	0.002	0	0	1.20	0.884	0.108	0.008	0.005	0.003	0	0	0.184	1986
1987	0	0	0	0.008	0.502	0.134	0.010	0	0	0	0	0	0.055	1987
1988	0	0	0	0	0.641	1.78	1.83	1.36	0.060	0.035	0.083	0.183	0.512	1988
MEAN	0.011	0.014	0.018	0.037	1.00	0.815	0.387	0.252	0.022	0.014	0.025	0.048	0.221	MEAN

LOCATION - LAT 62 39 46 N, LONG 114 34 13 W DRAINAGE AREA, 121 km² NATURAL FLOW

BAKER CREEK AT OUTLET OF LOWER MARTIN LAKE - STATION NO. 07SB013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1983	---	0.784 ON JUN 15	0E ON JAN 1 *	3 120	1983
1984	1.38 AT 15:57 MST ON MAY 7	1.38 R ON MAY 8	ORB ON DEC 26	4 170	1984
1985	4.48 AT 10:00 MST ON MAY 18 *	4.45 ON MAY 17 *	0B ON JAN 1	10 600	1985
1986	2.42 AT 15:13 MST ON MAY 27	2.37 ON MAY 22	0B ON FEB 18	6 130	1986
1987	0.727 AT 18:22 MST ON MAY 17	0.713 ON MAY 17	0B ON JAN 1	1 720	1987
1988	3.38 AT 14:54 MST ON JUL 31	3.37 ON JUL 31	0B ON JAN 1	18 300	1988
				8 880	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987

BAKER CREEK NEAR YELLOWKNIFE - STATION NO. 07SB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	1.03	0.352	0.078	0.058	0.048	---	---	---	1958
1959	---	---	---	---	0.688	0.591	0.171	0.091	0.386	0.437	---	---	---	1959
1970	---	---	---	---	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	---	---	0.848	0.288	0.188	---	---	---	---	---	1971
1972	0	0	0	0	0.318	0.532	0.128	0.014	0.003	---	---	---	---	1972
1973	0	0	0	0.002	0.881	0.488	0.178	0.038	0.011	0.009	0.005	0.001	0.087	1973
1974	0	0	0	0.002	0.414	0.707	0.840	0.457	0.422	0.459	0.378	0.151	0.308	1974
1975	0.188	0.085	0.011	0.211	2.87	0.858	0.108	0.021	0.010	0.010	0.012	0.007	0.335	1975
1976	0.001	0	0.008	0.222	1.03	0.587	0.174	0.027	0.033	0.022	0.008	0	0.178	1976
1977	0	0	0	0.041	0.306	0.285	0.083	0.002	0.001	0.007	0	0	0.058	1977
1978	0	0	0	0.009	0.858	0.422	0.192	0.058	0.018	0.022	0.028	0.014	0.112	1978
1979	0	0	0	0.001	0.234	0.819	0.224	0.048	0.024	0.032	0.038	0.030	0.128	1979
1980	0.021	0.011	0.003	0.071	0.418	0.880	0.278	0.041	0.012	0.010	0.005	0.002	0.143	1980
1981	0	0	0	0.004	0.181	0.154	0.074	0.008	0.006	0.012	0.001	0.001	0.037	1981
1982	0	0	0	0.010	0.188	0.873	0.178	0.008	0.012	0.002	0	0	0.108	1982
MEAN	0.017	0.010	0.002	0.052	0.638	0.615	0.213	0.073	0.073	0.085	0.044R	0.023R	0.148R	MEAN

LOCATION - LAT 62 30 30 N, LONG 114 21 38 W DRAINAGE AREA, 138 km² NATURAL FLOW

R - REVISED SINCE JAN 01 1987

BAKER CREEK NEAR YELLOWKNIFE - STATION NO. 07SB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1958	---	1.38 ON JUN 3	---	---	1958
1959	---	0.813 ON MAY 26	---	---	1959
1970	---	0.888 ON MAY 30	---	---	1970
1971	---	---	---	---	1971
1972	---	0.848 ON JUN 4	0.0 ON JAN 1 *	3 770	1972
1973	0.871 AT 21:00 MST ON JUN 4	0.868 ON MAY 21	0.0 ON JAN 1	3 680R	1973
1974	1.00 AT 12:00 MST ON MAY 22	1.04 ON MAY 31	0.0 ON JAN 1	8 710	1974
1975	1.07 AT 20:30 MST ON MAY 30	4.18 ON MAY 11 *	0.0 ON MAR 19	10 600	1975
1976	4.18 AT 20:00 MST ON MAY 11 *	1.38 ON MAY 14	0.0 ON JAN 11	5 670	1976
1977	1.38 AT 16:12 MST ON MAY 13	0.382 ON MAY 27	0.0 ON JAN 1	1 820	1977
1978	0.384 AT 19:11 MST ON MAY 27	0.784 ON MAY 18	0.0 ON JAN 1	3 810	1978
1979	0.883 AT 02:45 MST ON MAY 18	1.38 ON JUN 3	0.0 ON JAN 1	4 080	1979
1980	1.30 AT 18:18 MST ON JUN 3	0.888 ON JUN 5	0.0 ON MAR 31	4 930	1980
1981	1.00 AT 13:20 MST ON JUN 6	0.2808 ON MAY 15	0.0 ON JAN 1	1 170	1981
1982	---	1.14 ON JUN 9	0.0 ON JAN 14	3 310	1982
MEAN	1.15 AT 18:15 MST ON JUN 9			4 810R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987

BEAULIEU RIVER NEAR GREAT SLAVE LAKE - STATION NO. 07SC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	---	24.8	---	---	---	---	---	1937
MEAN	---	---	---	---	---	---	---	24.8	---	---	---	---	---	MEAN

LOCATION - LAT 62 03 00 N, LONG 113 11 30 W DRAINAGE AREA, 2 880 km² NATURAL FLOW

BIG RIVER ABOVE EGG RIVER - STATION NO. 10TA001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR JUN TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	8.44	1.38	0.582	0.033	0	0	---	1975
1976	0	0	0	0	0.631	58.8	17.4	1.46	0	0	0	0	18.8	1976
1977	0	0	0	0	0	74.4	8.60	1.31	0.434	0	0	0	21.2	1977
1978	0	0	0	0	0	---	---	1.84	0.340	0	0	0	---	1978
1979	0	0	0	0	0	4.90	40.1	2.84	0.378	0	0	0	12.3	1979
1980	0	0	0	0	0	40.4	27.8	3.97	1.38	0	0	0	18.0	1980
1981	0	0	0	0	0	43.1	15.8	8.84	18.8	4.37	0.018	0	20.8	1981
1983	0	0	0	0	0	88.1	7.52	2.88	2.81	0.128	0	0	24.5	1983
1984	0	0	0	0	1.10	84.0	7.83	2.71	1.78	0.391	0	0	28.2	1984
1986	0	0	0	0	0	82.7	28.4	3.82	0.782	0.002	0	0	27.8	1986
1987	0	0	0	0	0	84.0	34.2	8.88	2.04	0.012	0	0	31.8	1987
1988	0	0	0	0	0	30.8	14.3	8.88	2.24	0.888	0.001	0	11.7	1988
MEAN	0	0	0	0	0.178	58.7	16.8	3.78	2.87	0.445	0.001	0	21.3	MEAN

LOCATION - LAT 72 28 02 N, LONG 133 24 14 W DRAINAGE AREA, 3 840 km² NATURAL FLOW

BIG RIVER ABOVE EGG RIVER - STATION NO. 10YA001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR JUN TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1976	---	133 ON JUN 15	0 E ON AUG 25 *	198 000	1976
1977	258A AT 15:30 MST ON JUN 8 *	282 A ON JUN 6	0 E ON JUN 1	224 000	1977
1978	---	---	0 E ON JUN 1	---	1978
1979	---	91.5B ON JUL 3	0 E ON JUN 1	138 000	1979
1980	---	141 A ON JUN 24	0 E ON JUN 1	190 000	1980
1981	---	136 E ON JUN 19	0 E ON JUN 1	219 000	1981
1982	---	483 A ON JUN 15 *	0 E ON JUN 1	256 000	1982
1984	---	200 E ON JUN 6	0.720B ON SEP 30	277 000	1984
1985	---	430 E ON JUN 25	0 E ON JUN 1	294 000	1985
1987	---	400 E ON JUN 23	0 E ON JUN 1	333 000	1987
1988	---	190 E ON JUN 26	0 E ON JUN 1	123 000	1988
				234 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG SMITH CREEK NEAR HIGHWAY NO. 1 - STATION NO. 10HC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	0.190	0.111	---	---	---	---	---	5.88	3.42	1.03	0.483R	---	1973
1974	0.256R	0.201R	0.167R	0.279R	43.5R	14.4	7.85	21.1	5.41	3.14	1.27	0.690	8.34R	1974
1975	0.311R	0.180R	0.138R	0.261R	46.3R	12.3 R	1.61R	1.16 R	0.784R	0.818R	0.628R	0.391R	5.50R	1975
1976	0.257R	0.168R	0.168R	0.671R	33.7	5.80	1.44R	0.727R	0.557	0.763R	0.554R	0.368R	3.82R	1976
1977	0.273R	0.228R	0.206R	0.247R	26.8R	5.80	7.48	0.805R	0.774R	0.777R	0.488R	0.138R	3.67R	1977
1978	0.012R	0.004	0.002R	0.078R	13.2	21.1	4.78	1.88	1.85	1.51	0.784	0.433	3.78R	1978
1979	0.313	0.118	0.038	0.086	32.1	8.28	1.78	0.772	1.27	2.67	0.761	0.481	3.83	1979
1980	0.330	0.283	0.179	0.314	25.6	5.25	1.61	5.85	8.37	2.82	0.985	0.415	4.44	1980
1981	0.263R	0.167R	0.120R	0.161R	18.7R	2.89	4.07	1.24	0.823	4.35	1.20	0.483	3.78R	1981
1982	0.363R	0.298R	0.250R	0.237R	37.5	28.2	4.32	18.5	3.87	3.53	1.89	0.700	8.45R	1982
1983	0.151R	0.048R	0.019R	0.227R	18.5	30.5	2.52	1.12	1.07	0.966	0.597	0.218	4.48R	1983
1984	0.060R	0.021R	0.013R	0.222R	38.1R	9.11	8.85	30.0	34.2	5.85	1.83	0.883	10.8 R	1984
1985	0.367R	0.314	0.304R	0.258R	31.8R	11.4	4.18	1.88	2.40	3.39	0.789	0.586	4.75R	1985
1986	0.428	0.338	0.270	0.248	41.8	26.4	5.02	6.84	5.84	2.22	0.789	0.803	7.84	1986
1987	0.674	0.814	0.457	0.488	33.5	29.4	1.88	1.05	1.28	2.11	0.847	0.427	5.32	1987
1988	0.239	0.183	0.390	0.954	18.5	13.0	15.8	2.78	44.0	5.88	1.72	0.626	8.88	1988
MEAN	0.278R	0.205R	0.170R	0.326R	29.7R	14.8 R	4.88R	5.44 R	7.78 R	2.77 R	0.989R	0.498R	5.77R	MEAN

LOCATION - LAT 64 35 48 N, LONG 124 50 13 W
DRAINAGE AREA, 984 km^2
NATURAL FLOW
R - REVISED SINCE JAN 01 1987

BIG SMITH CREEK NEAR HIGHWAY NO. 1 - STATION NO. 10HC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	---	170 RE ON MAY 18 *	0.188RB ON MAR 12	263 000R	1974
1975	---	140 RE ON MAY 10	0.136RB ON MAR 18	173 000R	1975
1976	107 AT 04:50 MST ON MAY 8	104 ON MAY 8	0.188RB ON APR 8	134 000R	1976
1977	---	110 RB ON MAY 8	0.038RB ON DEC 31	116 000R	1977
1978	89.5 AT 08:50 MST ON JUN 10	87.5 ON JUN 10	0.002B ON FEB 24 *	120 000R	1978
1979	95.5 AT 09:00 MST ON MAY 19	95.4 ON MAY 18	0.010B ON APR 4	124 000	1979
1980	82.4 AT 07:00 MST ON MAY 13	81.1 ON MAY 13	0.120B ON APR 13	141 000	1980
1981	---	80.0RE ON MAY 4	0.100RB ON APR 18	88 800R	1981
1982	149 E AT 02:30 MST ON MAY 24 *	143 E ON MAY 24	0.220RB ON APR 18	268 000R	1982
1983	115 AT 04:03 MST ON MAY 31	112 ON MAY 31	0.010RB ON APR 7	142 000R	1983
1984	---	95.0B ON MAY 7	0.010RB ON APR 8	361 000R	1984
1985	110 AT 17:05 MST ON MAY 18	108 ON MAY 18	0.285RB ON APR 20	150 000R	1985
1986	113 AT 00:22 MST ON MAY 22	105 ON MAY 21	0.245B ON MAR 30	247 000	1986
1987	81.1 AT 09:41 MST ON JUN 14	78.6 ON JUN 14	0.300B ON DEC 30	185 000	1987
1988	98.0 AT 07:05 MST ON SEP 7	93.5 ON SEP 7	0.180B ON FEB 8	275 000	1988
				182 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

BIRCH RIVER AT HIGHWAY NO. 7 - STATION NO. 10ED003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	---	0.187	0.073	---	1974
1975	0.045	0.020	0.003	5.47	7.45	1.43	0.287	11.4	4.80	3.50	0.318	0.102	2.92	1975
1976	0.078	0.054	0.029	8.92	11.8	2.80	1.17	5.18	5.22	1.30	0.322	0.026	3.17	1976
1977	0.002	0.002	0.002	1.30	12.8	8.58	2.32	0.507	0.525	0.897	0.323	0.088	2.10	1977
1978	0.027	0.008	0.008	0.782	8.00	1.78	1.81	0.483	0.243	0.383	0.146	0.050	1.22	1978
1979	0.023	0.013	0.011	0.283	23.6	4.21	1.09	0.587	1.08	1.38	0.093	0.001	2.73	1979
1980	0.001	0.001	0.001	1.72	1.18	0.128	0.871	0.102	0.737	0.902	0.107	0.002	0.451	1980
1981	0.002	0.002	0.002	0.011	14.3	0.546	0.081	0.013	0.639	2.08	0.547	0.184	1.87	1981
1982	0.043	0.017	0.004	0.817	22.7	2.13	0.222	3.28	1.61	2.24	0.568	0.234	2.66	1982
1983	0.075	0.030	0.018	2.31	24.3	5.72	0.231	0.104	0.087	0.080	0.084	0.009	2.76	1983
1984	0	0	0	1.28	1.68	0.317	3.88	0.838	3.84	2.17	0.188	0.088	1.17	1984
1985	0.048	0.014	0.039	0.078	11.0	2.18	0.481	1.14	0.871	0.820	0.121	0.078	1.38	1985
1986	0.044	0.038	0.033	0.049	13.7	3.75	8.62	5.42	2.71	2.08	0.888	0.093	3.23	1986
1987	0.037	0.022	0.034	1.88	8.88	1.09	0.883	0.830	0.345	0.887	0.378	0.177	1.07	1987
1988	0.038	0.021	0.014	2.55	11.2	12.4	33.8	3.18	2.70	1.44	0.837	0.333	5.78	1988
MEAN	0.033	0.017	0.014	1.88	12.2	3.23	3.83	2.35	1.88	1.48	0.343	0.088	2.31	MEAN

LOCATION - LAT 61 20 13 N DRAINAGE AREA, 842 km²
LONG 122 05 12 W NATURAL FLOW

REMARKS - FORMERLY PUBLISHED AS "AT FORT LIARD HIGHWAY"

BIRCH RIVER AT HIGHWAY NO. 7 - STATION NO. 10ED003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	---	---	---	1974
1975	25.0 AT 12:30 MST ON AUG 8	24.8 ON AUG 8	0.001RB ON MAR 21	92 000	1975
1976	84.8 B AT 10:20 MST ON APR 29	80.8 B ON APR 29	0.002B ON DEC 19	100 000	1976
1977	43.9 AT 10:50 MST ON MAY 14	42.5 ON MAY 14	0.002B ON JAN 1	66 200	1977
1978	---	18.8 B ON MAY 3	0.008B ON FEB 4	36 500	1978
1979	87.8 AT 13:20 MST ON MAY 20	81.3 ON MAY 20	0.001B ON DEC 1	85 000	1979
1980	---	5.88B ON APR 22	0.001B ON JAN 1	14 300	1980
1981	---	80.0 B ON MAY 6	0.001 ON AUG 24	48 500	1981
1982	47.4 AT 07:53 MST ON MAY 17	47.1 ON MAY 17	0.001B ON MAR 18	80 200	1982
1983	36.0 AT 16:45 MST ON MAY 16	37.2 ON MAY 16	0.001RB ON DEC 27	67 700	1983
1984	8.83 AT 05:06 MST ON JUL 4	8.44 ON JUL 4	0 B ON JAN 1 *	37 000	1984
1985	---	27.3 ON MAY 12	0.003B ON FEB 11	43 500	1985
1986	41.4 AT 17:18 MST ON MAY 8	38.2 ON MAY 10	0.030B ON APR 8	102 000	1986
1987	21.4 B AT 13:21 MST ON APR 30	18.8 ON MAY 2	0.014B ON FEB 12	33 800	1987
1988	380 AT 05:41 MST ON JUL 2 *	304 A ON JUL 2 *	0.010B ON APR 1	183 000	1988
				73 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

BLACKWATER RIVER AT OUTLET OF BLACKWATER LAKE - STATION NO. 10HC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	---	---	---	---	---	282	83.6	89.7	73.3	43.3	18.8	7.81	---	1986
1987	5.30	3.86	3.09	3.10	105	88.6	31.6	14.1	8.95	8.89	4.56	3.21	21.8	1987
1988	2.78	2.47	2.33	2.63	84.4	133	300	76.2	124	72.2	22.8	14.9	70.3	1988
MEAN	4.04	3.02	2.71	2.87	94.7	162	142	53.3	68.1	40.8	15.4	8.84	45.8	MEAN

LOCATION - LAT 63 54 06 N DRAINAGE AREA, 7 550 km²
LONG 123 10 22 W NATURAL FLOW

REMARKS - STATION PREVIOUSLY PUBLISHED UNDER STATION NO. 10HC008

BLACKWATER RIVER AT OUTLET OF BLACKWATER LAKE - STATION NO. 10HC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1986	---	465A ON JUN 3	---	---	1986
1987	148 AT 18:04 MST ON MAY 15	148 ON MAY 14	2.90B ON APR 5	681 000	1987
1988	477 AT 10:48 MST ON JUL 8 *	476 ON JUL 8 *	2.21B ON APR 8 *	2 230 000	1988
				1 450 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACKWATER RIVER NEAR THE MOUTH - STATION NO. 10HC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	170	93.4	24.8	14.1	8.47	3.87	1.60	---	1983
1984	1.01	1.39	0.764	5.85	85.8	45.4	76.8	127	102	53.3	24.5	10.7	53.7	1984
1985	7.97	4.85	3.57	3.03	313	216	83.2	42.8	38.4	23.8	8.80	4.78	84.3	1985
MEAN	4.79	3.17	2.18	4.44	149	147	74.8	84.7	71.5	38.5	15.1	7.43	84.0	MEAN

LOCATION - LAT 63 55 41 N DRAINAGE AREA, 10 400 km²
LONG 124 03 56 W NATURAL FLOW

BLACKWATER RIVER NEAR THE MOUTH - STATION NO. 10HC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1983	261 AT 04:31 MST ON MAY 31 *	253 ON JUN 1	---	---	1983
1984	204 AT 11:45 MST ON SEP 8	202 ON SEP 8	0.600B ON MAR 28 *	1 700 000	1984
1985	---	400E ON MAY 25 *	2.80 B ON APR 30	1 710 000	1985
				1 710 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

BOOT CREEK NEAR INUVIK - STATION NO. 10LC010

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	0	0	0	0	1.17	0.247	0.173	0.110	0.056	0.034	0.001	0	0.300	1981
1982	0	0	0	0	0.186	1.02	0.036	0.002	0	0	0	0	0.201	1982
1983	0	0	0	0	0.239	0.821	0.023	0.001	0	0	0	0	0.176	1983
1985	0	0	0	0	0.315	0.138	0.011	0	0	0	0	0	0.077	1985
1986	0	0	0	0	0	0.386	0.020	0.003	0.017	0.003	0	0	0.071	1986
1987	0	0	0	0	0.480	0.814	0.014	0.008	0.060	0.023	0	0	0.187	1987
1988	0	0	0	0	0.383	0.447	0.021	0.028	0.140	0.027	0.001	0	0.173	1988
MEAN	0	0	0	0	0.384	0.626	0.043	0.022	0.036	0.012	0	0	0.171	MEAN

LOCATION - LAT 68 21 40 N DRAINAGE AREA, 28.2 km²
LONG 133 38 36 W NATURAL FLOW

BOOT CREEK NEAR INUVIK - STATION NO. 10LC010

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1981	---	4.58B ON MAY 31 *	0B ON MAY 1 *	4 760	1981
1982	---	2.52B ON JUN 3	0B ON MAY 1	3 180	1982
1983	---	4.20B ON JUN 1	0B ON MAY 1	2 830	1983
1985	---	1.25B ON MAY 22	0B ON MAY 1	1 230	1985
1986	1.35 AT 10:35 MST ON JUN 4 *	1.27 ON JUN 5	0B ON MAY 1	1 130	1986
1987	---	4.00B ON MAY 31	0B ON MAY 1	3 120	1987
1988	---	1.55B ON MAY 31	0B ON MAY 1	2 760	1988
				2 720	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BOSWORTH CREEK AT NORMAN WELLS - STATION NO. 10KA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	1.08	2.83	---	---	---	---	---	1974
1975	---	---	---	---	---	---	---	0.242	0.206	---	---	---	---	1975
1976	---	---	---	---	2.38	0.574	0.240	0.193	0.236	---	---	---	---	1976
1977	---	---	---	---	3.26	0.363	0.338	0.142	0.118	0.134	0.084	---	---	1977
1978	---	---	---	---	1.09	1.38	0.474	0.413	0.286	0.200	---	---	---	1978
1979	---	---	---	---	3.01	0.884	0.430	0.243	0.286	---	---	---	---	1979
MEAN	---	---	---	---	2.19	0.720	0.606	0.627	0.245	0.167	0.084	---	---	MEAN

LOCATION - LAT 65 17 26 N DRAINAGE AREA, 122 km²
LONG 126 52 26 W NATURAL FLOW

BOSWORTH CREEK AT NORMAN WELLS - STATION NO. 10KA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	4.538 ON MAY 7	---	---	1976
1977	---	7.318 ON MAY 8 *	---	---	1977
1978	---	4.138 ON MAY 19	---	---	1978
1979	---	5.618 ON MAY 18	---	---	1979
MEAN				---	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BOSWORTH CREEK NEAR NORMAN WELLS - STATION NO. 10KA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	3.00	0.833	0.333	0.845	0.423	0.388R	0.214R	0.150R	---	1980
1981	0.161R	0.071R	0.058R	0.070R	3.13R	1.27 R	0.787	0.436	0.271	0.404R	0.288R	0.191R	0.808R	1981
1982	0.138R	0.100R	0.078R	0.071R	4.14R	1.44	0.886	1.03	0.867	0.881	0.444	0.388	0.812R	1982
1983	0.388	0.351	0.340	0.884R	2.70R	1.78 R	0.381	0.280	0.280	0.258	0.248	0.203	0.871R	1983
1984	0.122	0.081	0.072	0.354	1.88	0.870	0.347	0.409	0.844	0.488	0.261	0.220	0.448	1984
1985	0.188	0.180	0.181	0.210	4.82	1.08	0.443	0.384	0.404	0.338	0.198	0.158	0.708	1985
1986	0.188	0.218	0.184	0.138	4.33	1.40	0.378	0.348	0.488	0.318	0.184	0.183	0.698	1986
1987	0.183	0.132	0.080	0.088	3.82	1.21	0.307	0.351	0.223	0.287	0.227	0.180	0.481	1987
1988	0.148	0.104	0.071	0.133	1.88	0.822	0.324	0.188	1.08	0.807	0.384	0.288	0.481	1988
MEAN	0.178R	0.158R	0.132R	0.238R	3.87R	1.12 R	0.431	0.481	0.518	0.388R	0.271R	0.218R	0.598R	MEAN

LOCATION - LAT 65 19 44 N, LONG 126 52 02 W DRAINAGE AREA, 109 km^2, NATURAL FLOW

R - REVISED SINCE JAN 01 1987

BOSWORTH CREEK NEAR NORMAN WELLS - STATION NO. 10KA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	9.108 ON MAY 13	---	---	1980
1981	---	13.0 RE ON JUN 24	0.058RB ON APR 10 *	18 000R	1981
1982	---	10.8 R ON MAY 28	0.078RB ON APR 12	25 000R	1982
1983	---	10.5 RE ON MAY 28	0.160B ON DEC 31	21 200R	883
1984	---	3.74RB ON MAY 6	0.078RB ON MAR 6	14 200	1984
1985	13.8E AT 22:34 MST ON MAY 17	11.1 ON MAY 17	0.184B ON DEC 28	23 300	1985
1986	---	8.138 ON MAY 10	0.123B ON APR 18	22 000	1986
1987	17.3 AT 07:08 MST ON MAY 23 *	14.8 ON MAY 23 *	0.084B ON APR 15	15 200	1987
1988	---	8.008 ON MAY 4	0.082B ON MAR 31	14 800	1988
MEAN				18 800R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1987

BROWN RIVER ABOVE BROWN LAKE - STATION NO. 060A006

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	0	0	0	0	0	57.4	78.0	8.32	7.88	2.82	---	---	25.2	1986
1987	---	---	---	---	0	16.1	183	51.0	32.8	5.43	0.032	0	44.7	1987
1988	---	---	---	---	0	51.8	29.4	46.2	25.0	4.50	0.479	0.010	26.0	1988
MEAN	0	0	0	0	0	41.4	69.8	35.2	21.7	4.15	0.331	0.005	32.0	MEAN

LOCATION - LAT 66 02 34 N, LONG 91 50 00 W DRAINAGE AREA, 2 040 km^2, NATURAL FLOW

BROWN RIVER ABOVE BROWN LAKE - STATION NO. 060A006

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	---	612 ON JUN 28	08 ON MAY 1 *	402 000	1986
1987	---	446 ON JUL 6 *	08 ON MAY 1	713 000	1987
1988	---	307 ON JUN 26	08 ON MAY 1	416 000	1988
MEAN				509 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BUFFALO RIVER AT HIGHWAY NO. 5 - STATION NO. 07PA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	0.238	0.048	0.037	7.77	188	137	84.1	31.7	13.1	8.41	1.43	0.115	35.3	1969
1970	0	0	0	1.64	113	124	58.8	20.2	17.0	17.2	7.08	0.238	30.0	1970
1971	0	0	0	5.40	103	46.8	28.8	14.7	5.73	7.88	0.488	0.037	17.7	1971
1972	0	0	0	0.252	102	101	68.6	40.3	22.9	11.8	2.83	0.314	28.0	1972
1973	0.281	0.133	0.082	0.833	84.4	88.2	120	188	173	102	17.8	7.74	84.3	1973
1974	3.83	0.244	0	0.272	303	188	131	81.5	88.9	41.4	24.0	47.0	88.9	1974
1975	4.88	0.288	0.031	5.10	132	175	148	87.0	188	137	88.8	38.2	78.5	1975
1976	18.7	3.37	0.323	42.4	180	178	147	83.0	78.8	80.8	11.8	2.21	67.5	1976
1977	0.812	0.081	0.003	7.24	103	107	104	122	88.8	88.0	21.7	7.68	52.7	1977
1978	0.240	0.044	0.004	1.83	80.8	83.8	88.1	83.0	82.8	88.8	33.3	48.0	43.8	1978
1979	10.8	0.818	0.002	0.852	101	240	133	88.3	44.8	38.3	8.83	3.27	84.2	1979
1980	0.048	0	0	11.7	41.8	28.4	14.8	10.7	13.8	17.3	6.37	0.818	12.3	1980
1981	0	0	0	0.878	88.7	88.8	38.3	21.1	11.8	7.78	0.184	0.048	18.8	1981
1982	0.007	0	0	0.833	88.8	118	61.4	38.3	21.7	17.0	1.48	0.051	37.2	1982
1983	0.018	0.001	0	3.78	83.8	97.1	88.8	38.3	18.1	12.3	3.87	0.284	38.1	1983
1984	0.018	0	0	14.8	47.8	71.4	103	78.3	104	78.8	38.1	38.7	47.8	1984
1985	8.81	0.808	0.048	0.318	288	223	128	88.0	113	84.4	38.3	38.7	82.8	1985
1986	8.71	2.88	0.708	0.808	327	283	238	183	117	72.8	28.8	14.8	97.8	1986
1987	8.88	3.18	0.781	11.8	181	188	118	74.7	71.7	87.8	28.8	18.8	82.1	1987
1988	3.21	0.288	0.074	4.83	188	248	208	188	104	71.7	17.8	13.3	81.8	1988
MEAN	3.18	0.888	0.183	8.13	127	137	101	71.8	88.8	88.8	17.4	13.4	48.8	MEAN

LOCATION - LAT 88 42 44 N DRAINAGE AREA, 18 800 km²
LONG 114 84 11 W NATURAL FLOW

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1969	210 AT 18:00 MST ON MAY 18	208 ON MAY 18	0 B ON DEC 27 *	1 110 000	1969
1970	188 AT 13:30 MST ON JUN 5	172 ON JUN 5	0 B ON JAN 1	845 000	1970
1971	124 AT 08:00 MST ON MAY 22	121 ON MAY 11	0 B ON JAN 1	589 000	1971
1972	189 AT 21:00 MST ON MAY 27	180 ON MAY 28	0 ON JAN 1	917 000	1972
1973	238 AT 18:00 MST ON SEP 8	205 ON SEP 8	0.0248 ON MAR 20	2 020 000	1973
1974	278 AT 08:00 MST ON MAY 22	263 ON MAY 24	0 B ON FEB 28	2 110 000	1974
1975	211 AT 03:00 MST ON SEP 8	187 ON SEP 8	0 B ON MAR 17	2 810 000	1975
1976	343 AT 21:30 MST ON JUL 3	232 ON JUL 3	0.1138 ON MAR 30	2 140 000	1976
1977	180 AT 01:00 MST ON JUN 24	141 ON JUN 23	0 B ON MAR 13	1 880 000	1977
1978	110 AT 08:80 MST ON OCT 10	88.7 ON OCT 10	0 B ON MAR 18	1 380 000	1978
1979	---	278 RE ON JUN 2	0 B ON MAR 8	1 710 000	1979
1980	88.8 AT 21:00 MST ON MAY 3	88.8 ON MAY 3	0 B ON JAN 12	388 000	1980
1981	82.8 AT 10:00 MST ON MAY 18	82.1 ON MAY 18	0 B ON JAN 1	834 000	1981
1982	---	183 E ON MAY 28	0 B ON JAN 17	887 000	1982
1983	118 AT 02:48 MST ON JUN 17	114 ON JUN 7	0 B ON FEB 12	828 000	1983
1984	184 AT 18:44 MST ON JUL 17	138 ON JUL 17	0 B ON JAN 31	1 810 000	1984
1985	---	332 ON MAY 28	0.0108 ON MAR 13	2 810 000	1985
1986	388 AT 21:44 MST ON JUN 2 *	387 ON JUN 2 *	0.0108 ON APR 18	3 080 000	1986
1987	338 AT 18:13 MST ON MAY 18	328 ON MAY 18	0.4788 ON APR 13	1 880 000	1987
1988	288 AT 00:08 MST ON JUN 20	284 ON JUN 19	0.0888 ON APR 8	2 880 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 870 000	MEAN
	E - ESTIMATED	R - REVISED SINCE JAN 01 1987			

BUFFALO RIVER NEAR ALTA/NWT BOUNDARY - STATION NO. 07PC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	0.817	0.488	0.388	10.1	55.8	38.2	23.4	18.4	18.4	8.88	8.44	1.88	18.1	1987
1988	0.788	0.388	0.888	8.87	81.8	48.8	88.2	38.8	18.8	8.38	3.48	1.41	21.8	1988
MEAN	0.782	0.388	0.188	8.88	82.3	48.1	48.8	18.7	18.2	8.88	4.87	1.84	18.8	MEAN

LOCATION - LAT 88 88 38 N DRAINAGE AREA, 4 388 km²
LONG 114 37 32 W NATURAL FLOW

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1987	288 AT 22:08 MST ON MAY 3 *	288 ON MAY 3 *	0.2258 ON MAR 25	570 000	1987
1988	238 AT 22:28 MST ON JUL 8	284 ON JUL 8	0.0288 ON MAR 18 *	578 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		524 000	MEAN

BURNSIDE RIVER NEAR THE MOUTH - STATION NO. 10QC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	89.4	53.2	---	---	---	1976
1977	7.17	4.31	3.92	4.78	13.4	172	252	183	102	58.8	31.8	17.8	89.7	1977
1978	11.5	8.80	8.86	8.31	10.2	184	488	283	118	48.0	26.7	22.7	100	1978
1979	16.3	8.80	3.07	4.72	10.8	182	348	188	105	40.8	20.7	8.19	76.8	1979
1980	3.16	1.78	1.61	1.86	28.0	343	182	133	87.1	33.3	12.8	5.89	87.3	1980
1981	3.33	2.73	---	---	---	---	340	185	389	188	34.6	13.4	---	1981
1982	5.71	3.82	2.88	4.28	---	---	305	233	187	78.3	8.71	4.87	---	1982
1983	2.82	0.880	0.001	0	8.40	452	352	258	308	127	33.8	28.8	153	1983
1984	28.7	25.8	21.2	17.8	84.6	748	382	327	210	88.7	42.1	22.2	188	1984
1985	8.48	8.78	8.00	8.78	274	887	388	282	248	128	41.8	17.4	187	1985
1986	15.8	15.8	15.1	14.4	14.3	778	613	202	178	82.8	48.1	34.8	188	1986
1987	18.8	15.2	12.4	11.7	11.8	744	388	188	181	102	84.3	31.8	138	1987
1988	18.8	8.88	8.88	7.21	8.28	848	282	148	171	128	41.2	23.8	137	1988
MEAN	11.7	8.38	7.48	7.82	43.8	881	347	208	178	88.8	32.4	18.4	128	MEAN

LOCATION - LAT 88 44 10 N DRAINAGE AREA, 18 800 km²
LONG 108 48 08 W NATURAL FLOW

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1976	---	---	---	---	1976
1977	---	3348 ON JUN 28	3.88RB ON MAR 12	3 200 000	1977
1978	---	5808 ON JUL 3	8.078 ON APR 30	3 180 000	1978
1979	---	7088 ON JUN 30	2.728 ON MAR 18	2 430 000	1979
1980	---	4908 ON JUN 18	1.488 ON MAR 19	2 130 000	1980
1981	872 AT 13:10 MST ON JUL 11	888 ON JUL 11	---	---	1981
1982	---	---	2.888 ON MAR 31	---	1982
1983	---	8388 ON JUN 14	0 B ON MAR 3 *	4 810 000	1983
1984	---	8508 ON JUN 7	14.0 B ON DEC 31	6 230 000	1984
1985	---	1 8808 ON JUN 4	8.008 ON MAR 1	5 810 000	1985
1986	3 040 AT 05:33 MST ON JUN 24 *	2 880 ON JUN 24 *	13.7 B ON MAY 17	5 010 000	1986
1987	2 480 AT 10:03 MST ON JUN 14	2 380 ON JUN 14	11.0 B ON MAY 17	4 380 000	1987
1988	2 880 AT 01:12 MST ON JUN 8	2 880 ON JUN 8	8.008 ON FEB 18	4 340 000	1988
				3 880 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1987

CABIN CREEK ABOVE HIGHWAY NO. 8 - STATION NO. 10LC008

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	0.726	0.182	0.314	0.312	0.023	0	0	---	1980
1981	0	0	0	0	2.88	1.81	1.27	0.884	0.671	0.454	0.087	0	1.38	1981
1982	0	0	0	0	0.815	2.48	0.888	0.838	0.838	0.885	0	0	0.871	1982
1984	0	0	0	0	2.41	1.18	0.848	0.723	0.481	0.838	0	0	0.884	1984
1985	0	0	0	0	2.88	0.873	0.318	0.118	0.883	0.818	0	0	0.838	1985
1986	0	0	0	0	0	3.11	0.124	0.158	0.481	0.887	0	0	0.834	1986
1987	0	0	0	0	1.38	1.48	0.828	0.134	0.883	0.188	0	0	0.818	1987
1988	0	0	0	0	2.13	1.84	0.885	0.373	1.18	0.888	0	0	0.888	1988
MEAN	0	0	0	0	1.88	1.83	0.384	0.324	0.484	0.184	0.008	0	0.788	MEAN

LOCATION - LAT 88 15 38 N DRAINAGE AREA, 133 km²
LONG 133 15 18 W NATURAL FLOW

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	---	---	0B ON OCT 15 *	---	1980
1981	---	10.8 ON MAY 31	0B ON MAY 1	21 800	1981
1982	---	20.0 B ON MAY 31 *	0B ON MAY 1	8 870	1982
1984	---	12.0 B ON MAY 22	0B ON MAY 1	12 800	1984
1985	---	11.0 B ON MAY 22	0B ON MAY 1	10 100	1985
1986	---	17.0 B ON JUN 3	0B ON MAY 1	10 100	1986
1987	---	15.0 B ON MAY 30	0B ON MAY 1	8 780	1987
1988	8.88 AT 15:28 MST ON JUN 2 *	8.808 ON MAY 28	0B ON MAY 1	14 100	1988
				12 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CAMERON RIVER BELOW REID LAKE - STATION NO. 07SB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	7.38	9.81	8.18	7.48	6.88	---	1975
1976	5.78	4.87	3.83	3.38	9.10	9.20	8.31	3.12	2.18	1.80	1.38	1.26	4.26	1976
1977	1.13	0.870	0.841	0.788	1.40	1.08	0.518	0.261	0.382	0.788	1.14	1.46	0.881	1977
1978	1.40	1.08	0.885	0.775	1.91	1.83	3.43	3.08	2.38	2.32	1.88	1.88	1.80	1978
1979	1.27	0.870	0.874	0.415	1.44	5.08	4.88	3.48	3.84	3.80	3.71	2.44	3.38	1979
1980	2.11	1.62	1.50	1.26	3.83	13.5	9.75	5.85	3.67	3.26	3.01	2.73	4.38	1980
1981	2.26	1.88	1.80	1.42	2.12	2.46	2.87	2.58	2.11	2.02	2.01	1.80	2.11	1981
1982	1.66	1.31	1.31	1.03	2.41	11.2	12.3	6.33	4.37	3.60	2.91	2.47	4.24	1982
1983	2.38	2.03	1.58	1.31	1.87	3.85	4.10	8.42	11.8	13.1	13.8	11.2	8.38	1983
1984	8.38	8.78	8.38	8.00	14.8	18.3	21.2	16.4	8.31	7.87	8.58	8.78	10.4	1984
1985	4.82	4.08	3.85	3.80	18.9	28.8	18.8	11.8	7.82	8.28	8.78	8.21	8.88	1985
1986	4.88	3.82	3.38	3.23	7.34	25.0	31.4	18.2	11.2	7.44	8.33	4.30	10.5	1986
1987	4.08	3.71	3.45	2.88	3.91	3.28	3.14	1.37	1.80	1.71	1.81	2.07	2.88	1987
1988	2.12	1.88	1.37	1.44	3.17	8.71	18.7	22.4	18.2	13.1	11.8	8.78	9.22	1988
MEAN	3.23	2.88	2.24	2.11	5.18	10.1	10.8	7.82	6.05	5.27	4.88	4.20	5.28	MEAN

LOCATION - LAT 62 58 40 N, LONG 113 17 05 W DRAINAGE AREA, 3 630 km² NATURAL FLOW

CAMERON RIVER BELOW REID LAKE - STATION NO. 07SB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1975	---	---	---	---	1975
1976	10.3 AT 17:58 MST ON JUN 12	10.2 ON JUN 12	1.26 B ON DEC 30	134 000	1976
1977	1.88 AT 17:34 MST ON MAY 30	1.88 ON MAY 30	0.186 ON AUG 31 *	28 100	1977
1978	3.45 AT 15:30 MST ON AUG 10	3.34 ON AUG 8	0.7388 ON APR 26	56 800	1978
1979	6.08 AT 14:38 MST ON JUN 28	5.87 ON JUN 28	0.3888 ON APR 24	75 400	1979
1980	---	15.1 ON JUN 10	0.8888 ON APR 15	139 000	1980
1981	3.38 AT 11:43 MST ON JUL 12	3.26 ON JUL 12	1.26 B ON APR 12	66 700	1981
1982	15.8 AT 10:38 MST ON JUL 2	15.8 ON JUL 2	0.887 ON APR 26	134 000	1982
1983	15.8 AT 01:58 MST ON OCT 14	14.2 ON OCT 14	1.10 ON APR 11	201 000	1983
1984	24.5 AT 15:08 MST ON JUL 10	24.3 ON JUL 10	4.08 ON APR 6	330 000	1984
1985	28.8 AT 17:44 MST ON JUN 22	28.8 ON JUN 22	3.08 ON APR 18	302 000	1985
1986	36.5 AT 10:00 MST ON JUL 4 *	36.1 ON JUL 4 *	3.14 ON APR 20	331 000	1986
1987	4.24 AT 01:17 MST ON JAN 9	4.24 ON JAN 9	1.24 ON SEP 1	83 700	1987
1988	26.8 AT 13:36 MST ON AUG 3	26.7 ON AUG 3	1.31 ON MAR 16	282 000	1988
				187 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CAMERON RIVER NEAR THE MOUTH - STATION NO. 07SB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	---	---	1.73	1.22	1.84	1.81	1.88	---	---	---	---	---	---	1939
MEAN	---	---	1.73	1.22	1.84	1.81	1.88	---	---	---	---	---	---	MEAN

LOCATION - LAT 62 34 30 N, LONG 114 06 38 W NATURAL FLOW

CAMPBELL CREEK NEAR INUVIK - STATION NO. 10LC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	1.57	0.888	1.21	0.583	0.022	0	---	1973
1974	0	0	0	0	0.858	1.80	2.74	1.43	0.388	0.188	0	0	0.588	1974
MEAN	0	0	0	0	0.858	1.80	2.15	1.08	0.803	0.388	0.011	0	0.588	MEAN

LOCATION - LAT 68 15 04 N, LONG 133 15 47 W NATURAL FLOW

CAMPBELL CREEK NEAR INUVIK - STATION NO. 10LC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1973	---	---	---	---	1973
1974	---	4.45 B ON JUL 15 *	0B ON JAN 1 *	18 600	1974
				18 600	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CAMBELL RIVER AT OUTLET OF CLUT LAKE - STATION NO. 10JA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1933	---	---	---	---	---	---	---	---	---	---	---	42.8	---	1933
1934	47.2	32.3	31.8	45.5	85.9	118	131	147	134	124	108	---	---	1934
1984	---	---	---	---	86.0	---	---	---	148	133	121	112	---	1984
1985	98.8	83.4	72.5	84.3	83.3	85.8	101	93.1	82.5	76.8	78.8	77.4	80.6	1985
1986	72.3	65.8	66.3	46.5	46.0	88.0	94.3	85.0	83.0	72.8	85.8	82.3	70.4	1986
1987	81.6	88.4	83.5	70.4	47.2	88.3	88.0	101	108	107	107	107	78.3	1987
1988	108	88.3	81.7	85.7	77.0	88.5	114	104	94.5	87.6	82.3	78.2	82.8	1988
1989	88.9	88.7	84.1	88.2	86.1	75.6	82.5	88.3	108	108	107	107	83.6	1989
1970	101	88.5	88.6	78.5	74.5	87.5	87.9	88.6	101	107	112	110	88.0	1970
1971	108	100	84.5	87.5	102	101	118	103	142	128	113	103	123	1971
1972	83.8	88.0	78.7	87.5	84.5	101	130	128	118	107	101	84.4	87.4	1972
1973	87.5	81.4	78.0	71.0	88.5	110	111	108	104	84.1	88.5	81.5	81.3	1973
1974	78.5	71.5	67.2	83.1	70.5	88.4	102	105	105	103	105	104	88.5	1974
1975	88.5	80.7	78.4	88.3	88.5	103	103	141	124	108	97.4	88.3	110	1975
1976	78.5	70.7	83.5	81.0	83.5	72.2	73.5	82.5	85.1	93.3	48.5	46.5	82.3	1976
1977	44.5	43.5	41.1	38.5	81.0	84.1	93.0	87.4	84.5	78.1	76.7	71.2	88.2	1977
1978	85.5	80.1	85.1	82.5	83.2	85.1	71.5	71.4	85.3	81.3	80.2	87.5	81.5	1978
1979	85.3	83.2	48.5	48.4	80.5	78.5	85.5	85.5	79.2	73.5	71.1	88.5	85.5	1979
1980	87.0	81.4	84.3	48.7	77.0	123	133	124	112	107	101	87.5	82.4	1980
1981	82.4	84.0	74.7	88.4	87.2	87.5	104	103	85.5	88.4	106	104	80.4	1981
1982	87.1	80.1	82.2	73.5	72.7	108	124	118	112	104	101	88.0	88.5	1982
1983	88.7	82.1	75.7	88.5	81.4	91.1	124	136	148	188	186	147	111	1983
1984	134	133	110	88.9	117	188	187	208	232	217	204	162	183	1984
1985	188	134	118	105	112	141	147	148	148	138	122	109	131	1985
1986	88.4	82.5	85.7	80.5	83.7	142	172	188	188	144	128	118	123	1986
1987	103 R	83.0R	85.8R	78.0R	78.1R	108 R	128 R	131 R	114 R	108 R	88.0R	88.5R	101 R	1987
1988	89.3	83.2	77.1	70.7	88.7	82.3	102	108	109	114	114	111	83.7	1988
MEAN	87.7R	80.0R	73.1R	87.3R	73.0R	103 R	118 R	118 R	113 R	108 R	103 R	84.5R	84.5R	MEAN

LOCATION - LAT 65 35 24 N DRAINAGE AREA, 31 100 km²
LONG 117 45 58 W NATURAL FLOW

R - REVISED SINCE JAN 01 1987

CAMBELL RIVER AT OUTLET OF CLUT LAKE - STATION NO. 10JA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1933	---	---	---	---	1933
1934	---	188 ON AUG 24	22.7B ON FEB 28 *	---	1934
1984	---	---	78.9 ON MAY 17	---	1984
1985	---	104 ON JAN 1	58.6 ON MAY 3	2 658 000	1985
1986	---	88.8 ON JUL 3	38.2B ON MAY 12	2 228 000	1986
1987	---	108 ON OCT 30	48.0 ON MAY 10	2 588 000	1987
1988	---	118 ON JUL 12	71.4 ON MAY 14	2 848 000	1988
1989	---	108 ON SEP 17	84.9 ON APR 28	2 848 000	1989
1970	---	113 ON NOV 28	71.8 ON MAY 10	3 838 000	1970
1971	---	182 ON JUL 22	83.5 ON MAY 4	3 888 000	1971
1972	134 ON JUL 10	134 ON JUL 8	61.4 ON MAY 15	3 848 000	1972
1973	114 AT 14:15 ON JUN 23	114 ON JUN 23	88.3 ON MAY 4	2 888 000	1973
1974	---	107 ON AUG 13	82.3E ON APR 27	2 808 000	1974
1975	---	171 ON JUL 1	88.3A ON APR 18	3 488 000	1975
1976	---	83.3E ON JAN 1	48.8E ON DEC 28	1 878 000	1976
1977	---	84.0E ON JUL 8	38.5 ON MAY 8	2 888 000	1977
1978	74.5 AT 12:10 MST ON JUL 8	73.8 ON JUL 9	49.8 ON MAY 17	1 858 000	1978
1979	83.5 AT 15:35 MST ON JUL 5	82.1 ON JUL 8	63.8 ON MAY 5	2 118 000	1979
1980	138 AT 03:25 MST ON JUL 8	135 ON JUL 6	48.8 ON APR 15	2 828 000	1980
1981	---	107 ON JUL 19	82.4 ON MAY 3	2 858 000	1981
1982	---	128 ON JUL 2	85.4 ON MAY 18	3 118 000	1982
1983	181 AT 18:10 MST ON OCT 31	180 ON OCT 31	88.0 ON MAY 28	3 618 000	1983
1984	228 AT 04:33 MST ON SEP 28 *	228 ON SEP 28 *	88.8 ON APR 30	5 178 000	1984
1985	188 AT 00:00 MST ON JAN 1	188 ON JAN 1	97.1 ON MAY 8	4 138 000	1985
1986	---	178 E ON JUL 17	73.5 ON MAY 13	3 888 000	1986
1987	133 AT 18:08 MST ON JUL 17	132 R ON JUL 17	74.7R ON MAY 8	3 128 000R	1987
1988	117 AT 08:48 MST ON OCT 21	117 ON OCT 21	83.9 ON MAY 18	2 858 000	1988
MEAN				2 858 000R	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

CARCAJOU RIVER BELOW IMPERIAL RIVER - STATION NO. 10XB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	85.4	58.8	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	---	---	14.1	10.0	---	1977
1978	10.5	9.77	9.08	---	---	---	---	---	---	21.6	16.3	14.2	70.6	1978
1979	7.93	6.42	5.80	6.07	87.1	295	148	172	62.8	21.6	16.3	14.2	79.0	1979
	10.3	5.61	4.84	8.14	202	131	243	128	102	89.3	27.6	17.0		
1980	8.93	8.77	7.08	8.93	122	105	110	285	74.4	28.3	17.2	12.4	88.8	1980
1981	---	---	---	---	---	80.8	152	104	38.7	31.9	16.8	12.8	---	1981
1982	9.11	8.10	5.18	7.92	230	328	133	186	66.7	41.8	23.8	18.8	80.7	1982
1983	11.8	10.2	10.0	17.1	152	210	82.8	79.1	63.6	28.3	16.9	14.0	56.7	1983
1984	9.38	8.02	8.26	8.87	114	313	234	215	141	48.7	24.4	17.1	84.7	1984
1985	12.6	10.8	10.3	11.3	210	288	180	133	118	48.7	18.2	15.2	88.8	1985
1986	13.8	12.8	11.7	10.9	195	336	104	286	86.7	43.2	23.3	18.0	93.1	1986
1987	14.8	12.8	11.8	12.3	184	123	88.8	84.0	76.0	36.6	22.8	15.7	86.4	1987
1988	10.9	8.50	7.80	8.81	132	184	288	130	188	81.3	27.1	17.3	82.8	1988
MEAN	10.8	8.76	8.08	10.3	183	217	152	158	88.8	40.8	21.2	14.8	77.8	MEAN

LOCATION - LAT 65 17 83 N DRAINAGE AREA, 7 400 km²
LONG 127 41 05 W NATURAL FLOW

CARCAJOU RIVER BELOW IMPERIAL RIVER - STATION NO. 10XB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	662 AT 04:10 MST ON JUN 9	574 ON JUN 9	5.728 ON MAR 25	3 230 000	1978
1979	969 AT 17:20 MST ON JUL 4	730 ON JUL 4	4.758 ON MAR 6 *	2 480 000	1979
1980	1 280 AT 02:15 MST ON AUG 18	894 ON AUG 18	6.408 ON FEB 28	2 110 000	1980
1981	554 AT 00:22 MST ON JUN 25	447 ON JUN 25	---	---	1981
1982	890 AT 02:22 MST ON MAY 30	741 ON MAY 30	5.018 ON MAR 17	2 880 000	1982
1983	1 280 AT 14:23 MST ON JUN 1	1 140 ON JUN 1	10.0 B ON FEB 25	1 780 000	1983
1984	1 830 AT 01:11 MST ON JUN 29 *	1 180 ON JUN 29 *	5.208 ON MAR 11	3 000 000	1984
1985	736 AT 13:25 MST ON JUN 2	804 ON JUN 3	10.2 B ON MAR 30	2 740 000	1985
1986	1 850 AT 18:50 MST ON AUG 14	1 080 ON AUG 14	10.8 B ON APR 18	2 840 000	1986
1987	842 AT 00:30 MST ON MAY 28	488 ON MAY 28	10.8 B ON APR 5	1 780 000	1987
1988	1 480 AT 17:53 MST ON JUL 1	1 110 ON JUL 1	7.738 ON MAR 23	2 880 000	1988
				2 480 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CARIBOU CREEK ABOVE HIGHWAY NO. 8 - STATION NO. 10LC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	0	0	0	0	11.0	8.00	2.53	1.14	0.695	0.485	0.327	0.025	2.03	1976
1976	0	0	0	0	2.25	4.10	1.53	2.63	1.76	0.977	0.615	0.514	1.20	1976
1977	0.397	0.052	0	0.033	17.1	7.80	5.13	1.73	2.12	1.48	0.577	0.178	3.07	1977
1978	0.078	0.005	0	0	0.283	3.18	4.80	2.04	1.81	1.30	0.804	0.288	1.76	1978
1979	0	0	0	0.014	3.78	3.42	1.73	0.810	1.78	0.748	0.699	0.384	1.13	1979
1980	0	0	0	0	11.7	8.80	2.17	1.28	1.28	0.837	0.585	0.233	3.32	1980
1981	0	0	0	0	4.04	2.86	4.80	2.69	2.31	1.69	0.885	0.288	1.88	1981
1982	0	0	0	0	3.28	15.3	3.17	1.79	1.41	0.878	0.703	0.288	2.23	1982
1983	0	0	0	0	2.08	7.17	1.35	1.02	0.888	0.810	0.383	0.076	1.13	1983
1984	0	0	0	0	2.87	4.80	1.82	1.88	1.73	1.02	0.551	0.240	1.19	1984
1985	0	0	0	0	3.18	3.04	1.17	0.743	0.888	0.287	0.034	0	0.785	1985
1986	0	0	0	0	0.088	5.27	1.18	1.28	1.84	0.871	0.328	0.183	0.885	1988
1987	0.088	0.004	0	0	8.28	8.17	1.84	1.16	1.80	0.888	0.782	0.881	1.88	1987
1988	0.379	0	0	0	3.88	5.48	1.44	1.47	2.80	1.35	0.838	0.721	1.47	1988
MEAN	0.088	0.004	0	0.003	5.11	6.83	2.41	1.87	1.87	0.903	0.878	0.287	1.80	MEAN

LOCATION - LAT 68 05 23 N DRAINAGE AREA, 835 km²
LONG 133 28 24 W NATURAL FLOW

CARIBOU CREEK ABOVE HIGHWAY NO. 8 - STATION NO. 10LC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1976	88.3 AT 01:00 MST ON MAY 29 *	58.8 ON MAY 28	0.0 ON JAN 1 *	64 000	1976
1976	---	11.8 B ON JUN 2	0.0 ON JAN 1	37 800	1976
1977	---	51.0 B ON MAY 30	0.0 ON FEB 20	98 800	1977
1978	---	17.0 B ON JUN 8	0.0 ON FEB 10	53 800	1978
1979	14.1 AT 00:30 MST ON MAY 19	11.7 ON MAY 19	0.0 ON JAN 1	35 800	1979
1980	---	85.0 B ON MAY 28 *	0.0 ON JAN 1	73 500	1980
1981	---	7.42 ON JUL 22	0.0 ON JAN 1	53 200	1981
1982	---	53.0 B ON MAY 31	0.0 ON JAN 1	70 300	1982
1983	---	35.0 B ON MAY 31	0.0 ON JAN 1	35 800	1983
1984	---	12.0 B ON MAY 28	0.0 ON JAN 1	37 700	1984
1985	---	8.908 ON MAY 22	0.0 ON JAN 1	23 800	1985
1986	---	16.5 B ON JUN 3	0.0 ON JAN 1	27 300	1986
1987	---	60.0 B ON MAY 30	0.0 ON FEB 12	80 400	1987
1988	13.9 AT 21:45 MST ON MAY 28	13.2 ON JUN 3	0.0 ON JAN 31	46 400	1988
				80 400	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

CARNWATH RIVER BELOW ANDREW RIVER - STATION NO. 10NA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	55.0	24.0	12.3	6.88	---	---	---	1982
1983							40.7	17.3	8.83	14.1	11.1	3.33	55.2	1983
1984	0	0	0	0.017	288	334	43.5	48.5	117	38.5	18.1	3.15	85.2	1984
	0.037	0.055	0	0.027	850	207								
1985	0.250	0	0	0	33.8	78.4	32.0	10.9	6.56	3.56	0.804	0	14.0	1985
1986	0	0	0	0	41.3	95.5	19.9	7.89	6.89	3.95	0.839	0.236	14.5	1986
1987	0	0	0	0	217	251	38.5	50.9	57.6	34.5	10.0	3.80	57.2	1987
1988	0.088	0.002	0	0.092	80.1	240	55.0	18.9	61.8	35.7	13.3	4.85	44.9	1988
	1.87	0.517	0.140											
MEAN	0.471	0.088	0.033	0.033	200	203	48.5	28.0	43.0	18.4	7.45	2.45	45.7	MEAN

LOCATION - LAT 68 33 33 N DRAINAGE AREA, 21 500 km²
LONG 126 58 59 W NATURAL FLOW

CARNWATH RIVER BELOW ANDREW RIVER - STATION NO. 10NA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1982	---	---	---	---	1982
1983	---	---	---	1 630 000	1983
1984	---	7308 ON MAY 31	0 B ON JAN 1 *	2 880 000	1984
		1 1808 ON MAY 15	0 B ON FEB 19		
1985	---	1788 ON MAY 28	0 B ON JAN 21	440 000	1985
1986	211 AT 03:13 MST ON JUN 4 *	303 ON JUN 3	0 B ON JAN 1	487 000	1986
1987	---	1 3508 ON MAY 29 *	0 B ON FEB 8	1 880 000	1987
1988	---	8008 ON MAY 28	0.0888 ON APR 8	1 430 000	1988
				1 440 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

COPPERMINE RIVER ABOVE BLOODY FALLS - STATION NO. 10PC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	489	775	438	325	218	---	1983
1984	199	133	113	90.5	182	888	764	700	885	384	189	152	387	1984
1985	124	104	87.1	72.9	311	711	500	581	513	388	244	180	318	1985
1986	138	108	89.0	72.4	118	1 800	773	433	339	245	184	131	342	1986
MEAN	160	115	96.0	78.6	203	1 020	679	541	648	389	231	170	336	MEAN

LOCATION - LAT 67 44 25 N DRAINAGE AREA, 60 700 km²
LONG 116 23 43 W NATURAL FLOW

COPPERMINE RIVER ABOVE BLOODY FALLS - STATION NO. 10PC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1983	---	---	---	---	1983
1984	---	1 040RB ON JUN 11	78.8RB ON MAY 6	11 300 000	1984
1985	1 380 AT 11:20 MST ON JUN 3	1 280B ON JUN 4	84.7B ON MAY 5 *	8 950 000	1985
1986	2 900B AT 06:01 MST ON JUN 15 *	2 270B ON JUN 15 *	85.1B ON MAY 15	10 800 000	1986
				10 700 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

COPPERMINE RIVER ABOVE COPPER CREEK - STATION NO. 10PC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	109	93.4	80.7	72.7	71.8	778	580	380	329	243	198	160	358	1987
1988	128	95.3	83.7	76.8	73.6	818	512	441	503	338	242	171	374	1988
MEAN	118	94.9	82.2	75.8	72.7	898	551	411	416	291	218	166	367	MEAN

LOCATION - LAT 67 13 41 N DRAINAGE AREA, 48 600 km²
LONG 116 53 17 W NATURAL FLOW

COPPERMINE RIVER ABOVE COPPER CREEK - STATION NO. 10PC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1987	---	1 420B ON JUN 11 *	84.8B ON MAY 6 *	9 180 000	1987
1988	1 180 AT 20:36 MST ON JUN 11 *	1 070 ON JUN 11	72.0B ON MAY 23	8 850 000	1988
				8 810 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

COPPERMINE RIVER AT OUTLET OF POINT LAKE - STATION NO. 10PB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	252	188	133	95.1	74.5	---	1965
1966	82.4	51.9	44.0	40.0	51.2	197	260	315	188	---	---	---	---	1966
1967	---	---	41.0	34.8	34.3	95.5	237	283	220	303	176	105	---	1967
1968	74.3	55.7	50.7	46.2	36.7	94.5	224	207	159	151	140	109	118	1968
1969	70.7	48.3	43.7	39.3	41.1	78.5	188	208	237	203	161	125	118	1969
1970	83.8	64.0	47.6	46.1	40.5	103	178	173	188	154	125	101	108	1970
1971	81.8	63.9	53.3	46.0	68.8	194	233	188	155	161	123	111	122	1971
1972	83.3	62.4	45.6	---	---	---	---	225	178	132	101	75.5	---	1972
1973	57.7	46.6	40.5	38.8	50.8	185	181	161	154	130	106	84.3	88.6	1973
1974	66.8	51.7	43.9	38.7	46.6	102	174	188	188	131	108	87.7	100	1974
1975	72.3	57.5	46.6	37.8	57.2	185	258	187	161	107	85.8	88.4	110	1975
1976	64.4	44.3	36.1	30.4	41.0	104	189	180	108	78.1	66.1	66.4	78.3	1976
1977	46.7	40.0	36.3	32.1	43.4	188	211	172	138	86.1	78.7	65.3	83.4	1977
1978	64.8	46.8	38.8	30.3	30.8	85.3	137	183	137	107	86.4	65.8	89.1	1978
1979	61.1	43.7	34.8	33.8	38.7	110	188	184	133	93.8	75.8	63.7	84.7	1979
1980	60.1	38.1	33.1	32.6	61.2	101	118	102	80.3	65.8	58.8	48.3	84.8	1980
1981	36.8	38.8	36.7	33.3	38.7	80.8	188	188	138	111	86.8	67.2	78.5	1981
1982	60.5	38.1	31.6	28.5	31.8	118	310	183	150	118	88.3	68.8	83.8	1982
1983	51.5	41.7	34.1	31.1	36.3	76.7	214	288	235	181	158	118	118	1983
1984	67.8	73.1	81.6	48.8	46.1	207	478	321	241	177	132	102	188	1984
1985	71.4	66.3	48.8	41.3	52.1	181	284	272	212	174	138	103	133	1985
1986	77.2	61.7	61.2	44.8	48.7	167	348	282	184	143	106	83.7	132	1986
1987	67.3	55.8	47.2	41.3	38.7	121	238	200	188	130	108	88.1	108	1987
1988	71.2	63.8	43.2	38.1	36.8	148	318	242	174	137	110	88.1	122	1988
MEAN	66.8	51.8	42.8	37.2	43.3	130	225	208	166	138	108	88.2	107	MEAN

LOCATION - LAT 65 24 48 N
LONG 114 00 14 W
DRAINAGE AREA, 19 300 km²
NATURAL FLOW

COPPERMINE RIVER AT OUTLET OF POINT LAKE - STATION NO. 10PB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1965	---	---	---	---	1965
1966	---	289 ON JUL 7	37.8 ON MAY 2	---	1966
1967	---	275 ON AUG 12	32.8 ON APR 27	---	1967
1968	---	238 ON JUL 17	37.4 ON MAY 25	3 830 000	1968
1969	---	230 ON SEP 17	37.1 ON APR 30	3 710 000	1969
1970	193 AT 09:30 MDT ON JUL 23	191 ON JUL 23	38.5 ON MAY 21	3 430 000	1970
1971	---	241 ON JUL 4	42.2 ON MAY 8	3 840 000	1971
1972	---	288A ON JUL 6	---	---	1972
1973	---	188 ON JUL 21	33.1E ON MAY 7	3 140 000	1973
1974	---	193 ON AUG 10	36.8 ON MAY 4	3 180 000	1974
1975	---	266 ON JUL 6	36.0 ON APR 20	3 480 000	1975
1976	---	174 ON JUL 30	28.7E ON APR 19	2 460 000	1976
1977	---	218 ON JUL 8	30.0 ON MAY 12	2 950 000	1977
1978	172 AT 01:30 MST ON AUG 7	170 ON AUG 7	28.8 ON APR 28	2 630 000	1978
1979	212 AT 18:15 MST ON JUL 24	210 ON JUL 26	31.8 ON MAY 9	2 800 000	1979
1980	124 AT 15:15 MST ON JUL 9	122 ON JUL 8	31.6 ON MAR 25	2 060 000	1980
1981	177 AT 18:30 MST ON JUL 27	172 ON JUL 27	22.1 ON APR 14 *	2 510 000	1981
1982	230 AT 01:30 MST ON JUL 28	218 ON JUL 28	28.0 ON APR 25	2 980 000	1982
1983	281 AT 08:42 MST ON AUG 4	270 ON AUG 4	27.5 ON MAY 25	3 770 000	1983
1984	577 AT 06:40 MST ON JUL 13 *	533 ON JUL 15 *	40.8 ON MAY 13	6 210 000	1984
1985	311 AT 23:53 MST ON AUG 6	302 ON AUG 6	37.7A ON APR 30	4 180 000	1985
1986	308 AT 17:02 MST ON JUL 12	306 ON JUL 12	40.2 ON MAY 15	4 180 000	1986
1987	260 AT 11:48 MST ON JUL 19	249 ON JUL 17	36.1 ON MAY 8	3 410 000	1987
1988	367 AT 08:36 MST ON JUL 23	360 ON JUL 23	34.8 ON MAY 9	3 670 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 380 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)
E - ESTIMATED

DUBAWNT RIVER AT OUTLET OF MARJORIE LAKE - STATION NO. 08KC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	---	---	602	584	488R	---	1968
1969	407R	341R	295R	289R	353R	384R	691	841	489	437	378	308	397R	1969
1970	252R	228R	213R	203	198R	371R	408	435	505	471	378	283	328R	1970
1971	252	246	247	240	235	440	505R	458R	401R	352R	307R	265R	328R	1971
1972	228R	187R	174R	174R	175R	445R	551	431	406	386	384	341	324R	1972
1973	213R	268R	284R	283R	268R	413R	445	399	360R	306R	235R	180R	311R	1973
1974	157R	146R	142R	150R	211R	480	382	384R	307R	255R	216R	196R	269R	1974
1975	178R	174R	177R	194R	303R	584	485	402	402	380R	281R	218R	318R	1975
1976	173R	184R	183R	182R	288	700	545	488	470	391R	281R	232R	346R	1976
1977	188R	190R	192R	210R	311R	534	473	405	382	408	382	218	334R	1977
1978	273R	242R	231R	237R	258R	378R	724	555	435	316	262	207R	342R	1978
1979	199	186	183	190	218	482	639	451	417	385	385	337	328	1979
1980	300	277	255	235	237	510	384	388	340	247	190	174	288	1980
1981	184	169	164	165	183	330	448	408	397	373	335	310	283	1981
1982	288	288	247	228	308	385	494	398	374	361	332	301	323	1982
1983	272	247	227	215	215	420	628	428	430	432	383	334	342	1983
1984	317	302	288	274	258	904	732	627	653	638	601	487	471	1984
1985	438	422	410	394	380	645	825	610	582	502	418	390	473	1985
1986	342	313	293	282	260	622	674	571	511	482	378	318	428	1986
1987	290	276	270	270	271	441	683	539	535	482	379	322	384	1987
1988	298	273	250	241	241	507	627	581	555	535	438	380	408	1988
MEAN	267R	247R	234R	230R	260R	488R	548R	472R	448R	418R	348R	301R	351R	MEAN

LOCATION - LAT 64 13 52 N DRAINAGE AREA, 87 300 km²
LONG 99 26 37 W NATURAL FLOW

R - REVISED SINCE JAN 01 1987

REMARKS - STAGE RECORDS OBTAINED AT 08KC003 AND DISCHARGE MEASUREMENTS 8.0 km DOWNSTREAM

DUBAWNT RIVER AT OUTLET OF MARJORIE LAKE - STATION NO. 08KC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	731 ON JUL 17	245RB ON JUN 12	12 500 000R	1969
1970	---	530 ON SEP 18	198RB ON MAY 21	10 400 000R	1970
1971	---	527 ON JUN 28	230B ON MAY 17	10 400 000R	1971
1972	---	552B ON JUN 20	174RB ON MAR 31	10 200 000R	1972
1973	---	480 ON JUN 18	180RB ON DEC 31	9 780 000R	1973
1974	---	518B ON JUN 10	141RB ON MAR 13 *	7 870 000R	1974
1975	---	631 ON JUN 18	174RB ON FEB 11	9 820 000R	1975
1976	---	838 ON JUN 23 *	150RB ON FEB 28	11 000 000R	1976
1977	---	580B ON JUN 20	190RB ON FEB 9	10 600 000R	1977
1978	---	778B ON JUL 14	200RB ON DEC 31	10 800 000R	1978
1979	---	582 ON JUL 6	168B ON MAY 8	10 400 000	1979
1980	---	852 ON JUN 5	198RB ON DEC 30	9 000 000	1980
1981	---	481A ON JUL 17	155B ON MAR 28	8 840 000	1981
1982	---	640 ON JUL 9	198B ON MAY 30	10 200 000	1982
1983	---	603 ON JUL 3	210B ON MAY 3	10 800 000	1983
1984	---	821 ON JUN 27	252B ON MAY 28	14 900 000	1984
1985	---	870 ON JUN 27	346B ON DEC 31	14 800 000	1985
1986	---	710 ON JUL 6	261B ON APR 12	13 400 000	1986
1987	---	703 ON JUL 3	270B ON MAR 6	12 400 000	1987
1988	---	704 ON JUN 30	240B ON APR 3	12 900 000	1988
MEAN				11 100 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

DUBAWNT RIVER BELOW MARJORIE LAKE - STATION NO. 08KC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	885	1 010	---	---	---	---	1982
1984	---	---	---	---	---	---	---	---	---	382	317	280	---	1984
1985	352	344	334	326	318	310	405	381	339	388	278	250	367	1985
1986	342	333	300	183	187	488	494	458	415	---	---	---	---	1986
MEAN	347	333	317	304	193	388	450	808	888	381	248	380	387	MEAN

LOCATION - LAT 64 30 40 N DRAINAGE AREA, 87 800 km²
LONG 99 47 33 W NATURAL FLOW

REMARKS - FORMERLY COMBINED WITH STATION NO. 08KC003

DUBAWNT RIVER BELOW MARJORIE LAKE - STATION NO. 08KE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1984	---	---	---	---	1984
1985	---	4428 ON JUL 24	2128 ON JUN 1 *	8 050 000	1985
1986	---	9868 ON JUN 14 *	---	---	1986
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		8 050 000	MEAN

DUVAL RIVER NEAR PANGNIRTUNG - STATION NO. 10UP001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	5.82	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	3.82	3.30	3.24	---	---	---	---	1975
1976	---	---	---	---	---	---	5.88	2.70	---	---	---	---	---	1976
1977	---	---	---	---	---	---	7.76	2.86	0.567	---	---	---	---	1977
1978	---	---	---	---	---	---	---	4.89	3.84	---	---	---	---	1978
1980	---	---	---	---	---	---	5.88	3.44	0.867	---	---	---	---	1980
1981	---	---	---	---	---	---	5.84	3.33	---	---	---	---	---	1981
1982	---	---	---	---	---	5.56	5.31	4.84	0.469	---	---	---	---	1982
1983	---	---	---	---	---	3.47	5.11	4.31	0.535	---	---	---	---	1983
MEAN	---	---	---	---	---	4.53	5.01	3.66	1.50	---	---	---	---	MEAN

LOCATION - LAT 65 04 03 N, LONG 65 41 10 W. DRAINAGE AREA, 95.5 km^2. NATURAL FLOW

DUVAL RIVER NEAR PANGNIRTUNG - STATION NO. 10UP001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	33.1 AT 16:00 EST ON JUL 3	22.3 ON JUL 3 *	0B ON SEP 29 *	---	1977
1978	---	---	---	---	1978
1980	14.9 AT 21:19 EST ON JUL 2	---	---	---	1980
1981	27.4 AT 18 SEP	---	---	---	1981
1982	39.9 AT 21:17 EST ON JUL 31 *	21.2 ON JUL 31	0B ON JUN 1	---	1982
1983	---	---	---	---	1983
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

ELLICE RIVER NEAR THE MOUTH - STATION NO. 100D001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	0	0	0	0	0	510	270	81.9	136	66.1	10.4	2.83	66.1	1971
1972	1.11	0.530	0.063	0	0	578	334	84.3	43.3	12.0	0.806	0	85.7	1972
1973	0	0	0	0	0.366	422	77.0	187	229	30.3	5.80	2.01	70.2	1973
1974	0.543	0	0	0	0	418	140	87.2	33.8	7.56	1.81	0.378	64.7	1974
1975	0.008	0	0	0	0	638	120	31.4	36.2	13.1	3.16	0.219	66.7	1975
1976	0	0	0	0	0.597	264	205	42.2	24.7	8.20	1.13	0.018	47.1	1976
1977	0	0	0	0	0.001	387	161	49.1	82.8	37.6	10.3	4.17	86.7	1977
1978	1.44	0.882	0.086	0	0	65.9	886	123	44.8	10.2	2.36	0.811	74.0	1978
1979	-	0	0	0	0	378	264	81.0	48.9	10.3	1.70	0.317	71.7	1979
1980	0	0	0	0	0	378	119	84.5	87.3	13.1	1.46	0	83.3	1980
1981	4	0	0	0	0	484	178	86.7	86.3	84.6	10.7	0.161	74.2	1981
1982	0	0	0	0	0	232	296	144	242	48.6	12.6	1.26	81.6	1982
1983	0	0	0	0	0	480	196	106	153	87.6	11.2	1.66	81.1	1983
1984	0	0	0	0	2.42	613	146	116	102	37.9	6.77	0.430	84.8	1984
1985	0	0	0	0	47.1	766	201	188	271	88.8	8.78	0.997	137	1985
1986	0	0	0	0	0.257	662	412	106	120	66.1	18.8	0.871	116	1986
1987	0	0	0	0	0	388	841	251	203	84.8	18.5	0.867	128	1987
1988	0	0	0	0	0	716	276	156	141	84.9	5.87	0.474	114	1988
MEAN	0.175	0.082	0.006	0	2.81	495	262	103	113	40.0	7.45	0.874	82.9	MEAN

LOCATION - LAT 67 42 42 N, LONG 104 08 27 W. DRAINAGE AREA, 10 800 km^2. NATURAL FLOW

REMARKS - HIGH FLOWS PRIOR TO 1984 WERE ESTIMATED AND SHOULD BE USED WITH DISCRETION

ELLICE RIVER NEAR THE MOUTH - STATION NO. 1QQD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	1 300E ON JUN 18	0E ON JAN 1 *	2 780 000	1971
1972	---	1 600RE ON JUN 20	0E ON MAR 27	3 710 000	1972
1973	---	1 200E ON JUN 10	0E ON JAN 1	2 480 000	1973
1974	---	1 100RE ON JUN 14	0E ON JAN 27	1 720 000	1974
1975	---	1 800RE ON JUN 11	0E ON JAN 6	2 180 000	1975
1976	---	850E ON JUN 19	0E ON JAN 1	1 480 000	1976
1977	---	800E ON JUN 13	0E ON JAN 1	1 780 000	1977
1978	---	1 500E ON JUL 1	0E ON MAR 18	2 330 000	1978
1979	---	1 400RE ON JUN 23	0E ON JAN 1	2 280 000	1979
1980	---	1 000RE ON JUN 12	0E ON JAN 1	1 680 000	1980
1981	---	1 300RE ON JUN 6	0E ON JAN 1	3 340 000	1981
1982	---	1 200RE ON JUN 26	0E ON JAN 1	2 570 000	1982
1983	---	1 400RE ON JUN 16	0E ON JAN 1	3 580 000	1983
1984	1 270 AT 22:53 MST ON JUN 6	1 300 ON JUN 9	0E ON JAN 1	2 880 000	1984
1985	1 620 AT 20:10 MST ON JUN 5	1 450 ON JUN 8	0E ON JAN 1	4 310 000	1985
1986	2 120 AT 23:57 MST ON JUN 24 *	1 950 ON JUN 25 *	0E ON JAN 1	3 620 000	1986
1987	1 320 AT 18:30 MST ON JUN 21	1 240 ON JUN 21	0E ON JAN 1	3 980 000	1987
1988	---	1 900R ON JUN 10	0E ON JAN 1	3 620 000	1988
				2 920 000	MEAN

E - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

SMILE RIVER AT OUTLET OF BASLER LAKE - STATION NO. 07TE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	8.82	8.62	9.11	9.17	9.15	---	1978
1979	8.72	8.06	7.41	7.16	7.85	10.4	13.1	16.1	14.6	13.6	12.8	11.8	10.8	1979
1980	10.8	9.84	8.88	7.84	9.25	11.5	14.3	16.1	13.7	12.2	11.2	10.6	11.2	1980
1981	10.3 R	9.80	8.77	7.80	7.35	7.70	8.38	8.01	8.88	8.48R	8.40R	8.72R	8.84R	1981
1982	8.78R	8.88R	8.00	8.34	8.11	8.75	10.0	11.5	11.8	11.8	11.1	11.4	10.1 R	1982
1983	11.0	10.1	8.76	7.84	7.81	8.58	9.03	12.1	16.3	16.2	13.4	12.2	12.4	1983
1984	17.7	15.4	14.1	12.8	14.8	19.3	40.6	64.3	46.2	36.8	31.1	28.3	27.8	1984
1985	20.8	18.7	14.8	13.4	13.8	18.8	37.8	32.6	28.5	22.8	20.1	17.8	20.8	1985
1986	18.7	13.8	12.3	11.3	13.1	21.8	34.0	37.1	32.8	28.3	23.8	19.8	21.8	1986
1987	14.7	13.1	11.7	10.3	8.14	11.0	13.7	19.8	26.0	28.8	25.3	24.7	17.0	1987
MEAN	13.3 R	11.8 R	10.8	9.48	10.1	13.1	18.8	21.8	20.7	18.8 R	17.3 R	16.1 R	15.8 R	MEAN

LOCATION - LAT 63 47 48 N
LONG 118 07 21 W

DRAINAGE AREA, 4 850 km^2
NATURAL FLOW

R - REVISED SINCE JAN 01 1987

SMILE RIVER AT OUTLET OF BASLER LAKE - STATION NO. 07TE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	16.0 AT 08:57 MST ON AUG 24	15.8 ON AUG 24	7.02E ON MAY 2 *	345 000	1979
1980	16.1 AT 08:13 MST ON AUG 18	15.7 ON AUG 4	7.58 ON APR 24	385 000	1980
1981	---	10.4 ON JAN 22	7.06 ON MAY 6	278 000R	1981
1982	---	12.8E ON AUG 22	7.82 ON MAY 16	316 000R	1982
1983	20.7 AT 16:46 MST ON NOV 27	20.0 ON NOV 27	7.61E ON MAY 1	380 000	1983
1984	57.0 AT 17:56 MST ON AUG 12 *	56.3 ON AUG 12 *	12.0 ON APR 21	669 000	1984
1985	34.3 AT 18:26 MST ON AUG 18	33.7 ON AUG 18	11.5 ON MAY 5	545 000	1985
1986	40.5 AT 14:47 MST ON AUG 14	38.8 ON AUG 14	11.0 A ON APR 7	587 000	1986
1987	26.3 AT 10:47 MST ON OCT 14	26.1 ON OCT 14	8.88 ON MAY 22	538 000	1987
				482 000R	MEAN

A - MANUAL CAUSE
(SEE REFERENCE INDEX)
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

FALLS RIVER NEAR D'IBERVILLE FIORD - STATION NO. 10VH001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	0.834	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	1.67	---	---	---	---	---	---	1974
1975	---	---	---	---	---	---	0.813	0.575	0.024	---	---	---	---	1975
MEAN	---	---	---	---	---	---	0.739	0.575	0.024	---	---	---	---	MEAN

LOCATION - LAT 80 39 05 N
LONG 78 24 40 W

DRAINAGE AREA, 32.6 km^2
NATURAL FLOW

FALLS RIVER NEAR D'IBERVILLE FIORD - STATION NO. 10YH001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	4.26 ON AUG 16 *	0B ON SEP 19 *	---	1975
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

FAR CREEK AT FAR LAKE OUTLET - STATION NO. 060A003

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	0.010	0.010	0	---	---	---	---	---	1978
1979	---	---	---	---	0.002	0.007	0	0	---	---	---	---	---	1979
1980	---	---	---	---	---	0.008	0.007	0.004	---	---	---	---	---	1980
1981	---	---	---	---	---	0.020	0.004	0	---	---	---	---	---	1981
MEAN	---	---	---	---	0.003	0.011	0.005	0.001	---	---	---	---	---	MEAN

LOCATION - LAT 63 41 40 N, LONG 90 40 30 W
DRAINAGE AREA, 0.21 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - FRESHWATER INSTITUTE (DFO) (CANADA)

FAR CREEK AT FAR LAKE OUTLET - STATION NO. 060A003

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	0.113 ON JUN 24 *	0 ON JUN 1 *	---	1978
1979	---	0.018 ON MAY 27	0 ON MAY 1	---	1979
1980	---	0.075E ON SEP 8	0 ON JUN 1	---	1980
1981	---	0.085A ON JUN 14	0 ON MAY 23	---	1981
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED

FERGUSON RIVER BELOW O'NEIL LAKE - STATION NO. 09NB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0	0	0	0	0	---	---	134	87.4	66.3	38.2	14.8	---	1978
1980	0.159	0	0	0	0	88.7	177	148	151	96.6	30.6	3.86	67.6	1980
1981	---	---	0	0	0.001	---	382	177	---	---	---	---	---	1981
1982	---	---	0	0	0	---	---	---	107	70.1	8.45	1.85	---	1982
1983	---	---	---	1.00	1.10	318	316	161	107	82.0	30.7	9.88	---	1983
1984	---	---	---	---	---	---	334	116	---	---	---	---	---	1984
1985	---	---	---	---	---	141	188	171	180	136	70.5	45.5	---	1985
1986	26.0	20.4	16.4	17.4	26.6	311	316	187	108	84.2	---	---	---	1986
1987	0	0	0	0	0	208	863	226	122	83.2	26.0	23.3	104	1987
1988	16.6	11.4	8.16	8.33	8.02	226	319	182	80.4	48.1	27.1	20.3	77.8	1988
MEAN	8.98	8.38	3.61	3.96	4.33	186	306	180	120	77.6	31.8	17.0	78.8	MEAN

LOCATION - LAT 62 38 24 N, LONG 95 02 54 W
DRAINAGE AREA, 12 400 km^2
NATURAL FLOW

FERGUSON RIVER BELOW O'NEIL LAKE - STATION NO. 09NB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	0 B ON JAN 1 *	---	1978
1980	---	184 ON JUL 21	0 B ON JAN 8	1 830 000	1980
1981	---	---	0 B ON MAR 1	---	1981
1982	---	---	0 B ON MAR 1	---	1982
1983	---	---	---	---	1983
1983	---	---	---	---	1984
1984	---	---	---	---	
1985	---	219 ON SEP 29	---	---	1985
1986	---	434 ON JUN 29	15.6 B ON MAR 24	---	1986
1987	---	823 ON JUL 3 *	0 B ON JAN 1	3 280 000	1987
1988	---	482 ON JUN 23	8.868 ON MAY 11	2 480 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 520 000	MEAN

FLAT RIVER AT CANTUNG CAMP - STATION NO. 10EA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	5.12	3.08	1.33	0.888	0.445	---	1973
1974	0.389	0.356	0.280	0.262	1.58	8.28	8.83	7.01	3.97	1.33	0.843	0.388	3.38	1974
1975	0.301	0.273	0.188	0.231	1.48	8.83	8.71	3.48	3.48	1.88	0.818	0.518	2.50	1975
1976	0.438	0.388	0.288	0.330	5.78	8.17	8.24	5.01	2.30	1.23	0.877	0.481	2.38	1976
1977	0.368	0.408	0.408	0.434	2.20	11.8	7.68	7.80	2.84	1.38	0.738	0.481	3.01	1977
1978	0.414	0.413	0.384	0.438	1.32	8.88	11.8	3.62	1.83	1.18	0.765	0.584	2.81	1978
1979	0.471	0.398	0.362	0.348	0.848	8.87	8.88	8.82	2.83	1.88	0.854	0.424	2.88	1979
1980	0.310	0.300	0.258	0.355	2.00	7.87	7.80	5.88	2.81	1.83	1.13	0.444	2.88	1980
1981	0.378	0.338	0.288	0.388	4.28	8.78	8.88	4.38	2.88	1.28	0.887	0.884	2.28	1981
1982	0.383	0.307	0.288	0.312	1.31	7.88	8.78	4.42	2.88	1.83	0.882	0.413	2.18	1982
1983	0.310	0.281	0.258	0.248	1.80	8.88	8.81	8.88	2.88	1.22	0.888	0.383	2.88	1983
1984	0.328	0.248	0.238	0.280	1.38	8.48	8.77	8.81	2.27	1.12	0.874	0.883	2.12	1984
1985	0.388	0.282	0.302	0.322	0.883	8.84	8.18	8.13	2.88	1.38	0.838	0.480	2.38	1985
1986	0.388	0.383	0.324	0.388	1.18	8.80	8.88	8.38	2.43	1.88	0.888	0.447	2.28	1986
1987	0.418	0.388	0.358	0.288	1.28	7.88	8.88	8.88	2.78	1.88	0.881	0.818	2.48	1987
1988	0.882	0.428	0.388	0.388	---	---	---	---	---	---	---	---	---	1988
MEAN	0.388	0.338	0.281	0.313	1.83	7.88	7.88	5.48	2.78	1.38	0.748	0.483	2.47	MEAN

LOCATION - LAT 61 58 33 N DRAINAGE AREA, 185 km²
LONG 128 14 04 W NATURAL FLOW

REMARKS - RECORDS SHOULD BE USED WITH DISCRETION; MOST HIGH FLOWS WERE ESTIMATED; SOME LOW FLOWS ARE AFFECTED BY REGULATION

FLAT RIVER AT CANTUNG CAMP - STATION NO. 10EA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	---	13.0 RE ON JUN 21	0.2158 ON APR 27	74 800	1974
1975	18.8E AT 22:00 MST ON JUL 13	14.8 ON JUL 2	0.1708 ON MAR 18 *	78 000	1975
1976	---	13.0 E ON JUN 10	0.2088B ON APR 20	74 400	1976
1977	18.3E AT 08:80 MST ON JUN 21	17.0 E ON JUN 21	0.3208 ON JAN 13	84 800	1977
1978	24.8E AT 18:00 MST ON JUL 2 *	22.8 E ON JUL 2 *	0.3778 ON APR 2	82 400	1978
1979	18.0E AT 08:30 MST ON JUN 22	15.8 E ON JUN 23	0.2828 ON APR 16	80 700	1979
1980	17.1E AT 00:10 MST ON JUN 10	16.3 E ON JUN 8	0.2488 ON MAR 18	80 800	1980
1981	13.8 AT 09:11 MST ON MAY 28	13.4 ON MAY 28	0.2438 ON JAN 28	71 800	1981
1982	---	13.0 RE ON JUN 14	0.2808 ON FEB 23	67 800	1982
1983	18.3E AT 07:11 MST ON JUN 1	16.7 E ON JUN 1	0.3358 ON APR 17	85 000	1983
1984	11.3E AT 03:30 MST ON JUN 28	8.70 ON JUN 28	0.2008 ON FEB 28	67 100	1984
1985	13.0 AT 08:05 MST ON JUL 3	12.8 ON JUL 3	0.2788 ON FEB 28	76 100	1985
1986	14.7 AT 03:58 MST ON JUL 22	14.1 ON JUL 2	0.2208 ON MAR 23	73 800	1986
1987	13.3B AT 20:52 MST ON JUN 23	12.1 ON JUN 23	0.2008 ON APR 14	78 700	1987
1988	---	---	---	---	1988
				76 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1987

FLAT RIVER NEAR THE MOUTH - STATION NO. 10EA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	23.0	19.3	18.1	---	1980
1981	17.0	15.3	14.4	---	---	384	153	85.8	77.8	43.1	32.1	32.1	---	1981
1982	20.4	17.0	14.3	---	---	---	200	171	111	53.3	37.1	28.7	---	1982
1983	28.8	22.7	18.8	28.0	218	388	298	133	145	82.4	54.5	33.1	118	1983
1984	30.4	18.8	18.8	18.8	---	384	213	178	115	88.8	33.8	28.4R	---	1984
1985	30.8R	17.0 R	16.3	17.0	114 R	174	180	88.8	88.8	---	---	---	---	1985
1986	---	---	---	---	---	228	184	134	78.8	---	---	---	---	1986
1987	---	---	---	---	---	---	---	88.2	82.3	---	---	---	---	1987
1988	---	---	---	---	---	273	214	237	178	---	---	---	---	1988
1989	---	---	---	---	---	321	134	148	88.3	88.3R	---	---	---	1989
1970	---	---	---	---	---	---	---	118	82.1	88.3	28.8	17.0	---	1970
1971	---	---	---	---	---	307	148	87.7	88.4	---	---	---	---	1971
1972	---	---	---	---	---	328	383R	188 R	77.1	42.3R	18.7R	15.8	---	1972
1973	13.8	10.7	8.88	15.8R	283 R	383	188	101	138	38.8	18.3	18.8	68.3R	1973
1974	13.8	13.3	13.8	16.8	178 R	318	218	240	113	82.7	34.8	24.8	101 R	1974
1975	20.2	18.1	18.1	18.7	213 R	331R	241R	180	88.8	87.3	33.8	38.2	102 R	1975
1976	33.8R	17.8 R	16.8 R	30.2	274	287	280	174	105	87.3R	27.8P	20.2	108 R	1976
1977	15.8	14.7	13.8	30.2	184	343	220	208	140	74.1R	30.8R	14.7	88.4R	1977
1978	13.3	14.8	14.8	14.8	78.8	187	281	161	81.8	84.3	28.7	23.8	78.4	1978
1979	18.8	14.8	14.8	18.8	182	287	248	188	138 R	88.4R	33.3R	18.3	87.7R	1979
1980	28.8	28.8	28.8	27.2	131	224	182	118	133	101	43.3	28.8	88.8	1980
1981	23.1	18.8	18.7	18.7R	188 R	288	181	81.4	81.3	41.8	24.8	22.8	78.8R	1981
1982	17.8	14.1	12.3	15.1	178	288	181	138	83.7	34.8	23.8	22.8	77.3	1982
1983	18.3	13.8	13.8	13.7	148	182R	148	188	77.8	41.1	28.2	17.8	88.4R	1983
1984	12.8	11.8	11.7	28.1	137	283	178	138	84.8	48.1	28.1	18.8	77.8	1984
1985	14.8	11.8	11.7	15.8	187	218	183	182	78.8	43.2	18.2	14.8	78.4	1985
1986	11.8	8.88	4.31	11.2	172	284	227	178	88.8	73.8	28.8	27.2	88.8	1986
1987	21.7	18.7	13.8	18.8	224	243	187	183	102	84.1	28.2	28.2	81.7	1987
1988	21.8	17.8	18.2	21.8	188	428	288	172	124	74.4	88.4	48.8	127	1988
MEAN	18.3R	15.4 R	14.1 R	18.8R	180 R	288R	218R	143 R	88.7R	88.8R	37.8R	28.8R	93.8R	MEAN

LOCATION - LAT 61 31 52 N DRAINAGE AREA, 8 880 km²
LONG 128 24 38 W NATURAL FLOW

R - REVISED SINCE JAN 01 1987

FLAT RIVER NEAR THE MOUTH - STATION NO. 10EA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	742 AT 03:00 PST ON JUN 11	685 ON JUN 11	---	---	1981
1982	---	---	---	---	1982
1983	1 070 AT 15:00 PST ON JUN 12	849 ON JUN 13	17.0 B ON APR 1	3 680 000	1983
1984	742 AT 10:00 PST ON JUN 4	702 ON JUN 4	---	---	1984
1985	478 AT 10:30 PST ON JUL 18	445 ON JUL 18	15.0 B ON MAR 20	---	1985
1986	378 AT 07:00 PST ON JUN 28	360 ON JUN 28	---	---	1986
1987	---	---	---	---	1987
1988	820 AT 02:30 PST ON JUL 14	835 ON JUL 14	---	---	1988
1989	496 AT 12:00 PST ON MAY 25	468 ON MAY 25	---	---	1989
1970	---	---	---	---	1970
1971	538 AT 23:30 PST ON JUN 5	501 ON JUN 5	---	---	1971
1972	1 380A ON JUL 27 *	1 250RE ON JUL 27 *	---	---	1972
1973	1 040 AT 15:30 MST ON JUN 9	934 ON JUN 5	8.50B ON MAR 11	3 040 000R	1973
1974	714 AT 14:30 MST ON JUN 23	683 ON JUN 23	12.0 B ON FEB 23	3 200 000R	1974
1975	840 AT 00:00 MST ON JUN 4	810R ON JUN 4	14.4 B ON MAR 24	3 210 000R	1975
1976	487 AT 08:00 MST ON JUN 10	483 ON JUN 10	14.4 RB ON MAR 20	3 320 000R	1976
1977	538 AT 19:50 MST ON JUN 3	487 ON JUN 3	13.6 B ON MAR 14	3 040 000R	1977
1978	1 350 AT 17:40 MST ON JUL 2	1 100 ON JUL 2	13.2 B ON JAN 10	3 470 000	1978
1979	806 AT 08:10 MST ON MAY 27	709 ON MAY 27	13.5 B ON MAR 8	3 080 000R	1979
1980	570 AT 07:50 MST ON JUN 17	527 ON JUN 17	20.0 B ON JAN 1	3 700 000	1980
1981	543 AT 15:35 MST ON JUN 8	486 ON JUN 8	16.3 B ON APR 2	3 400 000R	1981
1982	---	555E ON JUN 4	11.2 B ON APR 7	3 440 000	1982
1983	---	390E ON MAY 31	12.8 B ON MAR 7	3 180 000R	1983
1984	632 AT 16:32 MST ON JUN 8	472 ON JUN 8	11.0 B ON OCT 28	3 480 000	1984
1985	448 AT 13:40 MST ON JUN 4	420 ON JUN 4	11.4 B ON MAR 13	3 380 000	1985
1986	752 AT 08:31 MST ON MAY 31	699 ON MAY 31	4.00B ON MAR 31 *	3 140 000	1986
1987	---	450E ON JUN 3	12.8 B ON APR 5	3 680 000	1987
1988	---	640E ON JUN 20	14.3 B ON APR 5	4 010 000	1988
				3 920 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

FRESHWATER CREEK NEAR CAMBRIDGE BAY - STATION NO. 10TF001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	6.21	2.48	0.830	0	---	---	1970
1971	---	---	---	---	---	---	---	8.36	7.36	1.80	0	---	---	1971
1972	---	---	---	---	---	---	---	---	5.87	1.07	0	---	---	1972
1973	0	0	0	0	0	---	---	---	---	1.07	0.005	0	---	1973
1974	---	---	---	---	---	---	19.8	8.97	2.84	0.880	0.033	---	---	1974
	---	---	---	---	---	---	27.6	8.79	1.47	---	---	---	---	
1975	0	0	0	0	0	10.0	15.4	3.47	1.28	0.218	0.001	0	5.13	1975
1976	0	0	0	0	0	---	---	8.13	2.85	0.197	0	0	---	1976
1977	0	0	0	0	0	---	---	6.77	2.68	0.868	0.103	0	---	1977
1978	0	0	0	0	0	0.011	35.9	17.2	5.88	1.73	0.008	0	10.4	1978
1979	0	0	0	0	0	0.052	26.5	10.3	3.59	1.00	0.202	0.003	6.96	1979
1980	0	0	0	0	0	10.1	22.2	9.69	4.78	0.617	0	0	7.96	1980
1981	0	0	0	0	0	11.5	14.2	6.44	3.19	0.357	0	0	5.96	1981
1982	0	0	0	0	0	12.8	36.8	9.32	1.83	0.075	0	0	10.0	1982
1983	0	0	0	0	0	15.4	18.9	9.81	3.86	1.77	0.088	0	7.36	1983
1984	---	---	---	---	0	9.83	18.9	8.48	3.13	0.886	---	---	6.81	1984
1985	---	---	---	---	0	20.3	23.1	7.01	3.31	0.847	---	---	8.08	1985
1986	---	---	---	---	0	0.238	30.5	8.10	3.67	0.239	---	---	7.33	1986
1987	---	---	---	---	0	3.13	26.9	12.8	11.0	3.75	---	---	9.80	1987
1988	---	---	---	---	0	18.0	23.1	24.7	11.8	5.24	---	---	13.4	1988
MEAN	0	0	0	0	0	8.13	24.1	8.98	4.28	1.23	0.032	0	8.26	MEAN

LOCATION - LAT 69 07 52 N LONG 104 59 28 W
DRAINAGE AREA, 1 480 km^2
NATURAL FLOW

FRESHWATER CREEK NEAR CAMBRIDGE BAY - STATION NO. 10TF001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	0.0148 ON OCT 31	---	1970
1971	---	---	---	---	1971
1972	---	---	0 B ON MAY 1 *	---	1972
1973	---	---	---	---	1973
1974	---	---	0 B ON OCT 15	---	1974
1975	38.2A AT 12:30 MST ON JUN 28	37.7A ON JUN 28	0 ON MAY 1	81 600	1975
1976	---	---	0 B ON MAY 1	---	1976
1977	---	---	0 B ON MAY 1	---	1977
1978	81.4 AT 11:00 MST ON JUL 15 *	81.2 ON JUL 15 *	0 B ON MAY 1	185 000	1978
1979	---	38.2E ON JUL 10	0 B ON MAY 1	111 000	1979
1980	---	33.0E ON JUN 30	0 B ON MAY 1	127 000	1980
1981	---	25.1E ON JUN 23	0 B ON MAY 1	84 400	1981
1982	---	60.0E ON JUN 30	0 B ON MAY 1	188 000	1982
1983	37.7 AT 23:25 MST ON JUN 25	37.0 ON JUN 24	0 B ON MAY 1	117 000	1983
1984	38.6 AT 12:35 MST ON JUN 28	38.3 ON JUN 28	0 B ON MAY 1	82 400	1984
1985	---	48.8E ON JUN 28	0 B ON MAY 1	144 000	1985
1986	---	49.0E ON JUL 5	0 B ON MAY 1	116 000	1986
1987	45.8 AT 09:42 MST ON JUL 2	38.9 ON JUL 2	0 B ON MAY 1	182 000	1987
1988	---	33.2E ON JUN 20	0 B ON MAY 1	213 000	1988
				131 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GORDON RIVER NEAR THE MOUTH - STATION NO. 10QC002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	8.84	9.42	1.78	0.100	---	1977
1978	0.021	0	0	0	0.181	24.0	50.0	16.8	7.10	1.71	0.325	0.087	13.8	1978
1979	0	0	0	0	0.180	51.2	38.0	9.74	8.63	2.58	0.797	0.130	13.0	1979
1980	0	0	0	0	3.03	26.6	13.2	13.3	18.6	2.80	0.415	0	9.12	1980
1981	0	0	0	0	2.74	43.3	17.4	7.56	18.6	7.40	1.48	0.028	12.2	1981
1982	0	0	0	0	0	13.2	28.3	30.5	24.1	8.88	0.775	0.077	12.6	1982
1983	---	---	---	---	0	38.7	21.3	17.4	17.0	7.41	0.502	0.027	11.8	1983
1984	---	---	---	---	---	---	14.1	12.8	18.1	2.96	1.32	0	---	1984
1985	---	---	---	---	2.36	49.0	33.2	20.1	32.0	9.87	1.19	0	18.6	1985
1986	---	---	---	---	0.106	57.5	38.1	8.86	10.8	4.94	0.487	0	15.2	1986
1987	---	---	---	---	0.040	82.1	38.3	28.4	24.4	11.2	1.18	0	20.8	1987
1988	---	---	---	---	0	47.8	31.4	18.2	17.0	12.8	0.817	0	14.3	1988
MEAN	0.004	0	0	0	0.789	40.4	28.3	18.3	18.4	6.84	0.937	0.038	14.0	MEAN

LOCATION - LAT 68 48 31 N DRAINAGE AREA, 1 530 km²
LONG 107 06 13 W NATURAL FLOW

GORDON RIVER NEAR THE MOUTH - STATION NO. 10QC002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	116 AT 11:35 MST ON JUN 28	112 ON JUN 28	0B ON MAY 1 *	286 000	1978
1979	110 AT 21:15 MST ON JUN 25	106 ON JUN 25	0B ON MAY 1	278 000	1979
1980	43.2 AT 18:45 MST ON JUN 17	41.8 ON JUN 18	0B ON MAY 1	193 [illegible]	1980
1981	---	106 E ON JUN 5	0B ON MAY 1	258 000	1981
1982	---	84.0E ON JUN 28	0B ON MAY 1	270 000	1982
1983	---	81.0E ON JUN 22	0B ON MAY 1	243 000	1983
1984	---	---	0B ON MAY 1	---	1984
1985	86.8 AT 12:37 MST ON JUN 5	87.1 ON JUN 5	0B ON MAY 1	380 000	1985
1986	238 AT 02:21 MST ON JUN 28 *	221 ON JUN 28 *	0B ON MAY 1	322 000	1986
1987	178 AT 23:02 MST ON JUN 14	170 ON JUN 15	0B ON MAY 1	438 000	1987
1988	---	133 E ON JUN 10	0B ON MAY 1	302 000	1988
				298 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE - STATION NO. 10JC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	573	691	724	748	748	687	627	618	---	1961
1962	---	---	---	---	577	---	---	718	695	648	601	598	---	1962
1963	578	581	581	580	537	606	654	672	678	606	578	584	593	1963
1964	547	530	530	514	530	538	580	672	665	635	645	588	598	1964
1965	551	533	548	525	515	588	637	654	695	688	642	647	598	1965
1966	587	600	548	484	514	595	670	683	677	---	---	---	---	1966
1967	---	---	---	---	---	---	---	638	691	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	682	638	626	614	---	1968
1969	494	477	470	488	480	514	648	683	688	681	588	584	626	1969
1970	540	527	518	513	505	536	589	681	695	682	586	640	648	1970
1971	522	520	518	517	533	612	631	632	626	615	585	584	573	1971
1972	550	547	540	530	485	613	615	601	663	658	637	584	572	1972
1973	526	531	527	526	580	610	613	618	682	488	487	650	573	1973
1974	524	518	511	501	508	538	584	675	686	648	637	634	634	1974
1975	536	541	524	509	528	583	681	683	671	682	633	610	648	1975
1976	508	503	484	484	513	536	641	648	638	618	484	498	611	1976
1977	448	443	445	480	511	623	648	640	638	614	487	487	498	1977
1978	477	470	453	440	448	481	501	508	585	484	484	438	471	1978
1979	481	437	400	399	431	491	488	484	488	484	458	424	467	1979
1980	424	427	428	433	480	504	518	530	525	521	488	487	478	1980
1981	458	452	467	463	458	484	---	---	480	488	481	488	---	1981
1982	468	458	443	443	448	488	521	534	532	518	---	---	---	1982
1983	---	---	---	---	---	507	531	540	542	---	---	---	---	1983
1984	---	---	---	---	---	532	---	---	---	682	670	658	---	1984
1985	558	548	538	531	542	582	595	612	598	578	535	540	582	1985
1986	538	524	517	508	514	576	594	607	598	574	553	545	554	1986
1987	520	517	520	538	533	595	585	585	647	530	501	488	530	1987
1988	485	483	474	478	488	482	486	498	517	524	508	503	492	1988
MEAN	518	508	497	488	507	550	581	593	587	598	538	527	535	MEAN

LOCATION - LAT 65 08 06 N DRAINAGE AREA, 145 000 km²
LONG 123 31 06 W NATURAL FLOW

GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE - STATION NO. 10JC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	778 ON AUG 7	515 ON NOV 25	---	1961
1962	---	652 ON AUG 19	501E ON MAY 1	---	1962
1963	---	691 ON AUG 2[illegible]	507 ON MAY 8	11 700 000	1963
1964	---	703 ON NOV 3	510E ON MAR 21	16 800 000	1964
1965	---	725 ON OCT 5	487 ON MAY 16	16 [illegible]10 000	1965
1966	---	588 ON SEP 4	430 ON APR 19	---	1966
1967	---	614 ON SEP 18	524 ON AUG 11	---	1967
1968	---	455E ON SEP 1	504E ON DEC 30	---	1968
1969	---	614 ON SEP 10	458 ON MAY 8	15 800 000	1969
1970	848 AT 10:00 MST ON OCT 15 *	605 ON SEP 4	501E ON MAY 15	17 2[illegible]0 000	1970
1971	---	568 ON JUL 21	498 ON MAY 9	15 [illegible]30 000	1971
1972	933A ON JUL 25	823E ON JUL 23	521 ON DEC 5	17 9[illegible]0 000	1972
1973	---	640 ON JUL 14	458A ON NOV 27	17 360 000	1973
1974	---	570E ON AUG 7	493 ON APR 29	16 800 000	1974
1975	---	607 ON JUN 30	490 ON APR 23	17 200 000	1975
1976	---	581 ON SEP 21	488E ON DEC 23	16 200 000	1976
1977	---	585 ON JUL 16	436 ON JAN 22	15 600 000	1977
1978	844 AT 08:00 MST ON AUG 3	518 ON AUG 31	433E ON DEC 7[illegible]	14 000 000	1978
1979	822 AT 05:00 MST ON SEP 13	506 ON JUL 22	367 ON DEC 5 *	14 400 000	1979
1980	851 AT 11:55 MST ON AUG 7	544 ON AUG 7	407 ON JAN 10	15 000 000	1980
1981	---	520 ON OCT 1	431 ON NOV 6	---	1981
1982	---	544 ON AUG 15	438 ON MAR 27	---	1982
1983	---	580E ON AUG 26	---	---	1983
1984	835 AT 02:05 MST ON SEP 25	518 ON SEP 15	---	---	1984
1985	---	520 ON AUG 28	451 ON NOV 20	17 700 000	1985
1986	824 AT 17:15 MST ON AUG 13	530 ON AUG 14	490 ON FEB 15	17 800 000	1986
1987	882 AT 21:15 MST ON JUN 15	576 ON JUN 20	473 ON DEC 29	18 700 000	1987
1988	848 AT 02:42 MST ON OCT 6	536 ON OCT 11	448 ON MAY 10	16 800 000	1988
				16 300 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HALDANE RIVER NEAR THE MOUTH - STATION NO. 10JD001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	1.78	0.690	0.310	0.035	0	---	1975
1976	0	0	0	---	---	---	13.0	4.48	2.13	2.38	0.977	0.218	---	1976
1977	0	0	0	0.088	18.5	158	34.2	8.04	3.00	1.97	0.845	0.183	34.3	1977
1978	0	0	0	0	0	108	32.7	5.81	1.18	0.828	0.103	---	23.8	1978
1979	0	0	0	0	22.8	86.1	16.8	3.83	1.88	0.837	0.048	0	17.8	1979
1980	0	0	0	0	28.7	148	32.1	8.18	3.03	3.74	0.788	0	34.7	1980
1981	---	---	---	---	---	83.9	16.8	8.14	11.8	3.13	0.678	0.003	---	1981
1982	0	0	0	0	52.2	---	---	7.90	4.78	2.17	0.473	0.005	---	1982
1983	0	0	0	0	0.459	114	21.1	6.78	3.25	3.70	1.88	0.137	34.3	1983
1984	---	---	---	---	52.4	92.3	16.5	16.0	13.2	6.05	0.139	---	33.5	1984
1985	---	---	---	---	3.88	80.6	13.0	3.88	1.88	0.734	0.025	0	13.8	1985
1986	0	0	0	0	23.2	133	38.5	13.2	8.61	6.83	1.73	0.030	37.0	1986
1987	0	0	0	0	1.48	48.6	17.9	5.83	3.47	1.73	0.077	0	13.2	1987
1988	0	0	0	0	0.135	81.2	18.1	3.84	6.61	4.22	0.267	0	13.4	1988
MEAN	0	0	0	0.010	18.5	94.4	20.5	6.36	4.68	3.01	0.553	0.045	24.5	MEAN

LOCATION - LAT 68 51 30 N
LONG 121 15 55 W
DRAINAGE AREA, 3 840 km^2
NATURAL FLOW

HALDANE RIVER NEAR THE MOUTH - STATION NO. 10JD001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	0.0898 ON OCT 31	---	1975
1976	---	---	1.81 B ON OCT 31	---	1976
1977	---	524 E ON JUN 6 *	0.0808 ON MAY 1	548 000	1977
1978	228 AT 18:00 MST ON JUN 15	210 ON JUN 15	0 B ON MAY 1 *	381 000	1978
1979	167 AT 23:30 MST ON JUN 1	103 ON JUN 2	0 B ON MAY 1	284 000	1979
1980	283 AT 17:55 MST ON JUN 14 *	278 ON JUN 15	0 B ON MAY 1	552 000	1980
1981	212 AT 04:55 MST ON MAY 28	206 ON MAY 28	---	---	1981
1982	---	---	0 B ON MAY 1	---	1982
1983	200 AT 08:07 MST ON JUN 13	190 B ON JUN 8	0 B ON MAY 1	385 000	1983
1984	---	200 E ON MAY 31	0 B ON MAY 1	517 000	1984
1985	---	130 A ON JUN 7	0 B ON MAY 1	220 000	1985
1986	189 AT 18:45 MST ON JUN 8	180 ON JUN 8	0 B ON MAY 1	588 000	1986
1987	88.4 AT 13:13 MST ON JUN 14	87.2 ON JUN 14	0 B ON MAY 1	210 000	1987
1988	127 AT 00:00 MST ON JUN 8	118 ON JUN 8	0 B ON MAY 1	214 000	1988
				380 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HANBURY RIVER ABOVE HOARE LAKE - STATION NO. 06JB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	46.5	---	---	31.4	14.8	7.57	---	1971
1972	3.82	2.22	2.12	---	---	---	71.6	39.4	25.4	15.5	8.38	5.02	---	1972
1973	3.81	---	---	---	---	---	46.7	28.5	33.4	46.6	32.4	20.1	---	1973
1974	7.08	---	---	---	---	---	46.1	25.8	16.2	9.90	6.66	6.14	---	1974
1975	5.31	3.71	3.63	---	---	---	---	28.1	22.4	18.8	12.2	8.88	---	1975
1976	2.24	---	---	---	---	---	48.8	24.8	21.8	16.7	12.2	7.38	---	1976
1977	4.60	3.08	2.88	---	---	117	60.8	28.3	21.0	15.8	11.5	7.15	---	1977
1978	5.70	4.88	4.66	4.10	8.73	85.8	88.1	50.1	23.0	13.8	8.08	6.17	24.4	1978
1979	6.24	4.80	4.46	4.35	4.30	88.3	88.7	38.8	21.8	13.0	8.14	3.88	23.8	1979
1980	1.88	1.07	0.718	0.817	18.8	27.5	21.0	13.5	13.7	11.8	7.01	4.80	10.2	1980
1981	3.38	2.04	2.03	2.88	13.7	113	71.0	38.1	22.0	13.8	8.84	3.88	24.3	1981
1982	---	---	---	---	---	---	63.5	31.8	25.8	23.8	14.1	11.2	---	1982
1983	6.88	6.13	4.28	4.17	4.28	80.4	84.4	36.2	26.0	80.4	17.2	8.46	33.1	1983
1984	13.5	11.3	10.2	8.38	16.7	86.8	86.3	44.0	26.8	16.	8.11	4.80	28.8	1984
1985	4.66	4.36	4.17	3.88	---	---	61.2	48.8	28.8	18.8	11.2	7.88	---	1985
1986	6.81	4.62	4.36	4.21	80.3	171	88.4	45.7	26.0	14.7	9.00	7.06	37.7	1986
1987	6.83	4.80	4.76	4.72	---	---	117	56.8	29.1	48.2	19.0	9.00	---	1987
MEAN	5.21	4.42	4.08	4.27	17.5	84.8	68.4	27.8	28.4	22.8	1..3	7.46	28.8	MEAN

LOCATION - LAT 68 36 07 N LONG 105 07 52 W
DRAINAGE AREA, 5 770 km²
NATURAL FLOW

HANBURY RIVER ABOVE HOARE LAKE - STATION NO. 06JB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	---	---	1.78 B ON MAR 1	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	---	---	---	770 000	1978
1979	---	119 E ON JUN 27 137 E ON JUN 22	3.86 B ON APR 22 1.83 B ON DEC 31	760 000	1979
1980	---	31.1E ON JUN 5	0.6288 ON APR 10 *	322 000	1980
1981	---	138 E ON JUN 10	2.81 B ON APR 26	785 000	1981
1982	---	---	---	---	1982
1983	---	130 E ON JUN 21	4.11 B ON MAY 22	1 040 000	1983
1984	---	107 ON JUN 16	4.80 B ON DEC 31	851 000	1984
1985	---	---	---	---	1985
1986	---	193 E ON JUN 6 *	4.13 B ON APR 30	1 180 000	1986
1987	---	---	---	---	1987
				813 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HANS CREEK NEAR INUVIK - STATION NO. 10HD001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	0.001	10.8	3.37	0.708	4.84	---	---	---	---	1977
1978	---	---	---	---	---	8.84	4.87	0.870	0.288	---	---	---	---	1978
1979	0	0	0	0	2.28	4.77	1.42	---	---	1.03	0.428	0.047	---	1979
1980	0	0	0	0	0	38.0	8.81	0.827	0.711	0.127	0	0	4.85	1980
1981	0	0	0	0	0	0	8.18	2.22	2.34	1.80	1.60	0.738	0.207	1.88	1981
1982	0	0	0	0	0.011	7.83	2.30	0.348	0.084	0.014	0.001	0	1.13	1982
1983	0	0	0	0	0.008	5.44	1.17	0.122	0.482	0.022	0.002	0	0.793	1983
1984	0	0	0	0	0.048	4.30	0.807	0.182	0.032	0	0	0	0.687	1984
1985	0	0	0	0	0	4.28	1.80	0.828	0.342	0.178	0.087	0.008	0.747	1985
1986	0	0	0	0	0	8.08	1.82	1.17	1.86	0.821	0.087	0	1.43	1986
1987	0	0	0	0	0	---	---	---	---	---	---	---	---	1987
MEAN	0	0	0	0	0.287	8.33	2.58	0.778	1.10	0.510	0.178	0.028	1.80	MEAN

LOCATION - LAT 68 51 55 N LONG 133 28 54 W
DRAINAGE AREA, 327 km²
NATURAL FLOW

HARE CREEK NEAR INUVIK - STATION NO. 10HD001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	32.3 AT 11:00 MST ON JUL 4 *	30.6 ON JUN 4	0 ON MAY 1 *	---	1977
1978	24.9 AT 07:00 MST ON JUN 14	23.6 ON JUN 14	---	---	1978
1979	---	17.5 B ON MAY 28	0B ON APR 1	---	1979
1980	---	57.0 B ON JUN 18 *	0B ON APR 1	118 000	1980
1981	---	39.6 ON JUN 8	0B ON APR 1	39 300	1981
1982	18.9 AT 03:30 MST ON JUN 7	18.6 ON JUN 7	0B ON APR 1	28 800	1982
1983	---	10.0 E ON JUN 7	0B ON APR 1	18 800	1983
1984	---	---	---	---	1984
1985	19.7 AT 03:34 MST ON JUN 4	9.90 ON JUN 4	0B ON APR 1	13 800	1985
1986	---	10.0 E ON JUN 13	0B ON APR 1	17 800	1986
1987	---	15.4 E ON JUN 8	0B ON APR 1	34 000	1987
MEAN				37 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HARRIS RIVER NEAR THE MOUTH - STATION NO. 10EC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	---	---	0.001	0	---	1972
1973	0	0	0	0.008	3.88	1.05	0.730	0.112	0.184	0.007	0.010	0.002	0.826	1973
1974	0	0	0	0.018	8.67	3.83	1.03	0.808	0.585	0.885	0.134	0.003	1.38	1974
1975	0	0	0	1.24	18.2	1.82	0.134	0.107	0.149	1.38	0.083	0.040	1.70	1975
1976	0.022	0.014	0.008	5.80	9.60	2.11	0.128	0.886	1.08	0.404	0.103	0.008	1.88	1976
1977	0	0	0	0.083	6.26	1.82	0.814	0.017	0.003	0.023	0.003	0	0.884	1977
1978	0	0	0	0.004	5.42	1.86	1.01	0.070	0.010	0.008	0.007	0	0.883	1978
1979	0	0	0	0	7.88	3.03	0.878	0.014	0.002	0	0	0	0.941	1979
1980	0	0	0	0.008	0.188	0.057	0.008	0	0.001	0.011	0.005	0	0.023	1980
1981	0	0	0	0	8.23	0.381	0.836	0.181	1.18	6.84	1.81	0.218	1.48	1981
1982	0.033	0.005	0.005	0.034	24.1	5.89	1.83	1.78	3.10	3.40	0.407	0.182	3.31	1982
1983	0.080	0.031	0.023	2.08	17.2	5.06	0.373	0.081	0.048	0.088	0.035	0.004	3.11	1983
1984	0	0	0	1.74	4.31	1.88	2.23	1.43	0.898	0.861	0.084	0.010	1.04	1984
1985	0	0	0	0.001	18.8	3.28	1.06	0.248	0.083	0.030	0.008	0.001	1.85	1985
1986	0	0	0	0	12.8	4.18	1.08	0.590	0.716	0.908	0.150	0.002	1.74	1986
1987	0	0	0	0.813	8.01	0.748	0.089	0.001	0.011	0.018	0.021	0.008	0.540	1987
1988	0.001	0.002	0.001	0.258	7.47	8.88	10.4	1.48	1.85	1.21	0.438	0.134	3.01	1988
MEAN	0.007	0.003	0.002	0.747	9.82	3.81	1.88	0.448	0.585	0.917	0.198	0.034	1.43	MEAN

LOCATION - LAT 81 53 41 N DRAINAGE AREA, 701 km^2
LONG 121 17 26 W NATURAL FLOW

HARRIS RIVER NEAR THE MOUTH - STATION NO. 10EC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	0 B ON NOV 9 *	---	1972
1973	8.58 AT 09:00 MST ON MAY 7	8.44 B ON MAY 7	0 B ON JAN 1	18 800	1973
1974	35.4 AT 04:30 MST ON MAY 17	34.8 ON MAY 15	0 B ON JAN 1	43 500	1974
1975	38.3 AT 18:00 MST ON MAY 3	38.2 ON MAY 4	0 B ON JAN 1	53 000	1975
1976	---	35.6 E ON APR 30	0 B ON DEC 18	53 400	1976
1977	---	18.0 RE ON MAY 15	0 B ON JAN 1	21 800	1977
1978	---	10.8 B ON MAY 7	0 B ON JAN 1	21 500	1978
1979	14.8 AT 23:00 MST ON MAY 20	14.7 ON MAY 21	0 B ON JAN 1	29 800	1979
1980	0.504 AT 23:00 MST ON MAY 15	0.432 ON MAY 15	0 B ON JAN 1	735	1980
1981	18.1 B AT 14:18 MST ON MAY 8	18.1 B ON MAY 7	0 B ON JAN 1	48 800	1981
1982	---	43.8 A ON MAY 22	0.0028 ON APR 1	104 000	1982
1983	31.7 AT 14:33 MST ON MAY 1	31.3 ON MAY 1	0 B ON DEC 18	88 700	1983
1984	---	7.48 ON MAY 2	0 B ON JAN 1	33 000	1984
1985	---	48.3 A ON MAY 13	0 B ON JAN 1	81 600	1985
1986	32.4 AT 12:42 MST ON MAY 12	32.1 ON MAY 12	0 B ON JAN 1	84 600	1986
1987	13.1 B AT 11:44 MST ON MAY 5	11.8 B ON MAY 5	0 B ON JAN 1	17 600	1987
1988	86.7 AT 16:35 MST ON JUL 3 *	82.3 ON JUL 3 *	0.0018 ON JAN 1	95 350	1988
MEAN				48 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

HAY RIVER NEAR HAY RIVER - STATION NO. 07OB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	189	233	164	127	45.1	18.3	---	1983
1984	8.03	4.03	3.22	13.2	480	198	82.1	150	114	100 R	43.8 R	19.3 R	102 R	1984
1985	4.18B	3.17 R	2.92 R	83.1 R	421 R	142	74.4	85.4	12.8	38.3	17.4	5.38R	71.3R	1985
1986	3.40R	1.43 R	1.25 R	32.2 R	354 R	129 R	123	88.3	26.8	15.6	8.76	4.46	63.9R	1986
1987	3.05	4.12	3.13	1.89	578 R	232	111	103	19.3 R	28.3	14.8	7.00	93.0R	1987
1988	3.14	2.21	1.85	85.7	363	178	116	93.6	43.0	32.3	18.3	7.08	79.1	1988
1989	3.82	2.72	1.71	183	554	248	142	83.0	26.7	26.8	22.1	7.84	118	1989
1970	2.88	2.13	1.84	8.80	276	188	84.2R	11.1R	12.8	14.1	8.38	2.47	48.8R	1970
1971	1.83	1.01	0.781	51.5	273	138 R	111	21.7	17.7	18.0	8.00	4.58	54.3R	1971
1972	2.88	2.23	1.36	1.03	588	178	180	62.0	23.0	12.0	8.85	4.40	68.7	1972
1973	3.02	0.724	1.27	88.0 R	392 R	228	275	211	188	75.0 R	28.8 R	9.77	124 R	1973
1974	4.12	1.78 R	0.388R	71.7 R	630 R	322	241	162	140 R	74.5 R	28.4 R	8.70R	156 R	1974
1975	3.84	1.44	1.83	89.6	352	284	224	108	82.4	86.3	19.0	8.08	98.9	1975
1976	3.48	3.40	2.83	170	380	382	213	327	333	208	112	58.9	190	1976
1977	25.2	10.8	8.04	170	383	770	581	344	187	142	72.4	30.8	230	1977
1978	10.2	5.22	4.84	5.82	433	274	130	101	176	128	64.8	14.1	111	1978
1979	6.78	3.48	2.14	8.33	448	881	353	172	142	107	37.8 R	8.81R	184 R	1979
1980	3.98	3.19	2.88	28.4	38.3	28.8	19.2	28.8	21.8	40.2	18.0	4.08	19.8	1980
1981	1.97	1.63	1.85	2.18	418	112	41.7	11.3	8.07	8.08	4.81	2.83	61.6	1981
1982	1.32R	0.808R	0.433R	1.37R	398	186	88.5	24.0	26.2	15.4	7.30	3.61	86.9R	1982
1983	1.88	1.80	1.16	48.0	388	188	80.7	85.3	32.8	22.2	11.7	6.41	88.8	1983
1984	1.85	1.15	0.880	38.8	87.3	178	387	148	212	180	88.3	18.8	105	1984
1985	7.48	3.47	2.24	38.8	788	257	158	182	231	188	80.0	18.0 R	188 R	1985
1986	8.08R	8.86	4.17	17.0	870	368	308	185	83.8	88.8 R	24.8 R	8.08	134 R	1986
1987	7.67	8.88	4.74	188	880	375	337	300	188	107	88.8	19.8	178	1987
1988	8.81	8.48	4.38	138	848	805	847	380	208	148	78.0	28.3	248	1988
MEAN	8.12R	3.18 R	2.41 R	80.2 R	435 R	274 R	208 R	137 R	103 R	78.8 R	33.1 R	12.3 R	113 R	MEAN

LOCATION - LAT 80 44 42 N DRAINAGE AREA, 67 800 km²
LONG 115 81 38 W NATURAL FLOW

R - REVISED SINCE JAN 01 1987

REMARKS - G.S.C. LEVELS TIED INTO THE 1949 CIRCUIT

HAY RIVER NEAR HAY RIVER - STATION NO. 07OB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1983	---	---	---	---	1983
1984	---	738B ON MAY 8	2.88 B ON APR 17	3 240 000R	1984
1985	---	758RB ON MAY 2	2.85 RB ON APR 10	3 280 000R	1985
1986	---	628RB ON MAY 10	0.21 RB ON MAR 31	2 010 000R	1986
1987	---	800RB ON MAY 11	0.800B ON APR 4	3 830 000R	1987
1988	---	618 ON MAY 8	1.58 B ON MAR 19	2 800 000	1988
1989	---	889 ON MAY 7	1.48 B ON MAR 11	3 880 000	1989
1970	---	3748 ON MAY 3	1.18 B ON APR 13	1 840 000R	1970
1971	---	800E ON MAY 1	0.2838 ON FEB 11 *	1 710 000R	1971
1972	---	1 020B ON MAY 9	0.3408 ON APR 18	3 780 000	1972
1973	---	858RE ON APR 27	0.5688 ON FEB 13	3 820 000R	1973
1974	---	1 240RA ON MAY 2	0.280RB ON APR 4	4 880 000R	1974
1975	---	8608 ON APR 30	1.00 B ON FEB 20	3 180 000	1975
1976	---	885 ON APR 30	2.52 B ON MAR 15	5 020 000	1976
1977	1 080 AT 18:48 MST ON JUN 15	1 080 ON JUN 14	7.11 B ON APR 4	7 280 000	1977
1978	---	8188 ON MAY 3	3.94 B ON APR 18	3 510 000	1978
1979	---	1 120E ON JUN 9	1.82 E ON APR 4	8 180 000R	1979
1980	---	120A ON APR 28	2.32 B ON DEC 31	830 000	1980
1981	---	780B ON MAY 4	1.87 B ON APR 23	1 820 000	1981
1982	---	857B ON MAY 9	0.400RB ON MAR 30	1 880 000R	1982
1983	---	850B ON APR 30	0.830B ON APR 7	3 200 000	1983
1984	831 AT 17:88 MST ON JUL 8	817 ON JUL 9	0.800B ON APR 9	3 230 000	1984
1985	---	1 250B ON MAY 8 *	3.00 B ON MAR 31	5 000 000R	1985
1986	---	800B ON MAY 8	3.87 B ON MAR 30	4 220 000R	1986
1987	---	888B ON APR 27	3.88 B ON APR 8	8 880 000	1987
1988	1 380 AT 04:41 MST ON JUL 8 *	1 350 ON JUL 9	3.14 B ON APR 13	7 840 000	1988
				3 850 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

NORTHWEST TERRITORIES

HAYES RIVER ABOVE CHANTREY INLET - STATION NO. 1058001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	88.6	117	20.3	1.08	0	---	1971
1972	0	0	0	0	0	---	---	---	---	---	---	0	---	1972
1973	0	0	0	0	5.32	550	210	572	284	82.5	0	0	210	1973
1974	0	0	0	0	5.94	417	148	148	34.9	0	0	0	93.6	1974
1975	0	0	0	0	13.6	885	181	81.8	208	41.1	1.24	0	148	1975
1976	0	0	0	0	0.347	823	725	88.2	78.4	22.8	0	0	182	1976
1977	0	0	0	0	0.282	711	858	385	123	66.7	8.58	0	241	1977
1978	0	0	0	0	0	0.873	521	218	148	11.3	0	0	113	1978
1979	0	0	0	0	0	298	839	214	183	30.2	1.38	0	188	1979
1980	0	0	0	0	0	---	---	383	228	22.3	0.285	0	---	1980
1981	---	---	0	0	0	---	---	184	223	85.1	---	---	---	1981
1982	---	---	0	0	0.034	888	574	187	187	41.1	2.61	0	211	1982
1983	0	0	0	0	0	402	908	185	138	34.4	3.25	0	180	1983
1984	0	0	0	0	0.024	935	308	343	212	48.9	18.3	2.79	231	1984
1985	---	---	---	---	1.60	812	349	120	222	42.4	5.78	0	205	1985
1986	0	0	0	0	0.113	437	713	108	78.2	25.0	3.88	0	170	1986
1987	---	---	---	---	0.003	141	1 780	304	331	98.1	32.7	7.02	338	1987
1988	0	0	0	0	0	812	371	424	238	48.8	3.23	0	211	1988
MEAN	0	0	0	0	1.67	528	548	235	177	40.0	4.88	0.577	182	MEAN

LOCATION - LAT 67 32 00 N DRAINAGE AREA, 18 100 km²
LONG 94 06 53 W NATURAL FLOW

HAYES RIVER ABOVE CHANTREY INLET - STATION NO. 1058001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	OB ON DEC 1 *	---	1971
1972	---	---	OB ON MAY 1	---	1972
1973	---	934E ON JUN 15	OB ON MAY 1	4 440 000	1973
1974	---	609E ON JUN 16	OB ON MAY 1	1 890 000	1974
1975	---	934E ON JUN 15	OB ON MAY 1	3 080 000	1975
1976	3 280 AT 05:21 CST ON JUN 30	3 230 ON JUN 30	OB ON MAY 1	4 080 000	1976
1977	---	2 600E ON JUN 27	OB ON MAY 1	5 090 000	1977
1978	---	1 360E ON JUL 15	OB ON MAY 1	2 400 000	1978
1979	---	1 050E ON JUL 1	OB ON MAY 1	3 580 000	1979
1980	---	1 620A ON JUL 10	OB ON MAY 1	---	1980
1981	---	---	OB ON MAY 1	---	1981
1982	3 390 AT 00:50 CST ON JUN 25	3 390 ON JUN 25	OB ON MAY 1	4 480 000	1982
1983	---	1 580E ON JUN 25	OB ON MAY 1	3 380 000	1983
1984	2 310 AT 15:36 CST ON JUN 23	2 310 ON JUN 23	OB ON MAY 1	4 880 000	1984
1985	---	2 020A ON JUN 15	OB ON MAY 1	4 330 000	1985
1986	2 880 AT 01:00 CST ON JUN 28	2 750 ON JUN 28	OB ON MAY 1	3 800 000	1986
1987	5 190 AT 09:47 CST ON JUL 5 *	5 050 ON JUL 5 *	OB ON MAY 1	7 170 000	1987
1988	---	2 110E ON JUN 26	OB ON MAY 1	4 480 000	1988
				4 080 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

INDIN RIVER ABOVE CHALCO LAKE - STATION NO. 07SA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	2.57	3.32	2.12	1.51	---	1977
1978	1.08	0.758	0.490	0.348	1.15	14.3	14.4	8.84	3.44	3.12	2.67	1.88	4.20	1978
1979	1.33	1.03	0.797	0.817	8.75	34.8	15.0	5.67	3.17	2.41	1.98	1.42	8.24	1979
1980	1.08	0.804	0.588	0.487	8.81	18.3	7.82	3.31	1.98	2.21	2.33	1.71	3.98	1980
1981	1.10R	0.828R	0.658R	0.533R	1.89 R	8.88R	15.6 R	7.84R	3.72R	3.53R	3.01	3.77	4.35R	1981
1982	2.23	1.25	0.746	0.528	2.94	25.8	15.4	7.85	4.79	3.70	3.18R	2.33R	5.89R	1982
1983	1.78	1.30	0.837	0.431	0.388	17.8	21.7	12.3	9.41	9.82	8.78	6.82	7.51	1983
1984	3.22	2.05	1.34	1.08	12.8	58.7	33.1	16.8	9.82	7.87	4.77	2.84	12.8	1984
1985	1.77	1.42	1.15	0.975	15.0	37.8	18.8	14.2	8.85	8.34	4.88	3.48	9.84	1985
1986	2.12	1.84	1.12	0.788	8.21	55.7	21.3	9.38	6.37	5.03	4.81	3.28	9.79	1986
1987	1.80	1.49	1.28	0.771	2.35	41.1	20.6	7.53	4.84	5.28	5.70	3.51	8.01	1987
1988	2.74	2.28	1.35	1.01	0.884	31.4	24.9	14.2	10.8	10.1	8.71	5.35	9.45	1988
MEAN	1.65R	1.33 R	0.938R	0.884R	5.47 R	30.9 R	15.9 R	8.44R	5.80R	5.13R	4.47R	3.04R	7.42R	MEAN

LOCATION - LAT 64 23 20 N DRAINAGE AREA, 1 520 km²
LONG 115 01 15 W NATURAL FLOW

R - REVISED SINCE JAN 01 1987

INDIN RIVER ABOVE CHALCO LAKE - STATION NO. 07SA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	21.8 AT 20:50 MST ON JUN 22	20.2 ON JUN 24	0.3338 ON APR 28 *	132 000	1978
1979	43.8 AT 09:18 MST ON JUN 6	43.8 ON JUN 6	0.5698 ON APR 28	187 000	1979
1980	---	17.8E ON JUN 14	0.3848 ON APR 15	125 000	1980
1981	19.1 AT 05:16 MST ON JUL 8	18.8R ON JUL 8	0.5378R ON APR 30	137 000R	1981
1982	33.6 AT 18:00 MST ON JUN 14	33.1 ON JUN 14	0.4888 ON APR 25	186 000R	1982
1983	37.7 AT 09:32 MST ON JUN 27	36.2 ON JUN 27	0.3308 ON MAY 21	237 000	1983
1984	74.5 AT 10:02 MST ON JUN 8 *	74.0 ON JUN 8 *	1.05 B ON APR 20	388 000	1984
1985	49.5 AT 21:22 MST ON MAY 31	49.3 ON MAY 31	0.6808 ON MAY 6	304 000	1985
1986	68.4 AT 19:45 MST ON JUN 5	68.0 ON JUN 6	0.5018 ON MAY 8	308 000	1986
1987	51.6 AT 15:28 MST ON JUN 11	51.2 ON JUN 11	0.6118 ON APR 28	263 000	1987
1988	52.0 AT 19:35 MST ON JUN 20	50.1 ON JUN 20	0.534 ON MAY 21	298 000	1988
				234 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

INMAN RIVER NEAR THE MOUTH - STATION NO. 10DC001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	1.49	0.834	---	---	---	---	1975
1976	0	0	0	0	0	---	13.3	2.87	1.24	0.016	0	0	---	1976
1980	0	0	0	0	0	---	18.9	8.05	10.5	3.01	0	0	---	1980
1981	0	0	0	0	0.001	81.6	10.7	6.20	3.87	0.180	0	0	13.8	1981
1982	0	0	0	0	0.014	119	---	---	---	0.177	0	0	---	1982
1983	0	0	0	0	0.004	115	14.6	7.92	11.0	1.66	0	0	24.7	1983
1984	0	0	0	0	0.085	94.3	9.25	4.27	1.82	0.179	0	0	18.0	1984
1985	0	0	0	0	0	27.2	16.8	4.12	0.875	0.001	0	0	8.09	1985
1986	0	0	0	0	0	80.1	26.2	3.78	1.80	0.580	0.004	0	18.5	1986
1987	0	0	0	0	0	75.7	15.2	3.86	6.82	1.40	0.008	0	17.4	1987
1988	0	0	0	0	0	14.3	3.47	1.45	11.5	0.803	0.004	0	5.18	1988
MEAN	0	0	0	0	0.010	73.4	14.2	4.70	5.18	0.788	0.002	0	16.1	MEAN

LOCATION - LAT 69 06 32 N, LONG 118 28 34 W
DRAINAGE AREA, 3 050 km^2
NATURAL FLOW

INMAN RIVER NEAR THE MOUTH - STATION NO. 10DC001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1979	---	---	---	---	1979
1980	---	---	---	---	1980
1981	---	253 B ON JUN 7	0.0 ON MAY 1 *	---	1981
1982	---	298 B ON JUN 26	0.0 ON MAY 1	221 000	1982
1983	---	385 B ON JUN 13 *	0.0 ON MAY 1	---	1983
1984	---	285 B ON JUN 6	0.0 ON MAY 1	382 000	1984
				285 000	
1985	78.4 AT 17:29 MST ON JUN 20	74.4 ON JUN 21	0.0 ON MAY 1	128 000	1985
1986	391 AT 06:48 MST ON JUN 24	373 ON JUN 24	0.0 ON MAY 1	284 000	1986
1987	408 AT 04:15 MST ON JUN 23 *	358 ON JUN 23	0.0 ON MAY 1	277 000	1987
1988	---	80.0B ON JUN 21	0.0 ON MAY 1	82 200	1988
				240 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

JACKFISH CREEK NEAR FORT GOOD HOPE - STATION NO. 10LD002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	0.328	0.088	0.031	0.084	0.585	0.007	0	---	1981
1982	0	0	0	0	1.42	0.885	0.088	0.014	0.045	0.045	0	0	0.419	1982
1983	0	0	0	0	0.818	0.860	0.218	0.443	0.501	0.184	0.016	0	0.511	1983
1984	0	0	0	0	0.481	1.00	0.128	0.417	1.33	0.089	0	0	0.563	1984
1985	0	0	0	0	2.15	0.830	0.413	0.120	0.088	0.023	0	0	0.570	1985
1986	0	0	0	0	0.858	0.457	0.042	0.013	0.042	0.041	0	0	0.244	1986
MEAN	0	0	0	0	1.15	0.708	0.185	0.173	0.341	0.180	0.004	0	0.481	MEAN

LOCATION - LAT 66 15 40 N, LONG 128 36 50 W
DRAINAGE AREA, 62.8 km^2
NATURAL FLOW

JACKFISH CREEK NEAR FORT GOOD HOPE - STATION NO. 10LD002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	---	4.308 ON MAY 22	0B ON MAY 1 *	5 850	1982
1983	---	4.588 ON MAY 28	0B ON MAY 1	5 140	1983
1984	4.24 AT 12:58 MST ON MAY 31 *	4.18 ON MAY 31	0B ON MAY 1	5 950	1984
1985	---	4.988 ON MAY 18 *	0B ON OCT 21	9 080	1985
1986	---	1.78E ON MAY 14	0B ON MAY 1	3 880	1986
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		7 340	MEAN

JEAN RIVER BELOW SLAVE RIVER - STATION NO. 07NC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	21.8	21.2	17.4	16.1	34.0	37.9	39.5	37.1	38.5	41.7	36.5	19.8	30.1	1980
MEAN	21.8	21.2	17.4	16.1	34.0	37.9	39.5	37.1	38.5	41.7	36.5	19.8	30.1	MEAN

LOCATION - LAT 61 14 55 N
LONG 113 18 50 W
REGULATED SINCE 1968

JEAN RIVER BELOW SLAVE RIVER - STATION NO. 07NC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	46.0E ON OCT 28 *	12.8B ON MAR 25 *	853 000	1980
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		853 000	MEAN

JEAN-MARIE RIVER AT HIGHWAY NO. 1 - STATION NO. 10FB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	19.0	3.11	0.880	0.674	0.423	0.317	0.278	---	1972
1973	0.258	0.188	0.136	0.286	10.0	12.3	8.81	2.08	1.77	0.734	0.380	0.204	3.08	1973
1974	0.098	0.048	0.032	0.124	23.5	13.1	5.74	4.81	3.24	2.01	1.09	0.626	4.86	1974
1975	0.488	0.335	0.153	3.81	21.6	4.95	1.05	12.5	3.57	3.70	1.13	0.488	4.80	1975
1976	0.367	0.287	0.244	8.42	30.2	8.92	1.83	2.08	5.47	3.03	0.685	0.352	4.82	1976
1977	0.225	0.085	0.085	0.976	22.0	13.6	3.72	2.41	0.884	0.747	0.703	0.212	3.84	1977
1978	0.120	0.127	0.089	0.186	14.5	5.31	5.58	1.77	0.812	0.723	0.588	0.347	2.53	1978
1979	0.288	0.226	0.178	0.238	25.6	14.5	2.14	0.880	0.816	1.20	0.404	0.144	3.92	1979
1980	0.142	0.148	0.178	0.868	1.81	0.858	0.417	0.168	0.178	0.570	0.511	0.371	0.527	1980
1981	0.231	0.183	0.146	0.136	20.7	2.00	0.462	0.292	0.748	8.10	4.89	1.38	3.12	1981
1982	0.888	0.310	0.200	0.288	37.8	7.70	1.88	4.31	3.87	4.30	2.72	0.701	5.41	1982
1983	0.411	0.278	0.236	2.83	44.0	16.8	1.37	0.788	0.837	0.848	0.502	0.553	5.78	1983
1984	0.308	0.082	0.178	1.70	4.77	2.25	8.44	3.88	8.43	8.13	1.21	0.388	3.00	1984
1985	0.135	0.018	0.008	0.051	16.0	5.32	2.01	5.20	3.38	2.48	1.12	0.480	3.05	1985
1986	0.374	0.387	0.324	0.350	31.8	10.2	6.77	2.02	1.34	2.16	1.35	0.818	4.88	1986
1987	0.328	0.318	0.212	0.872	8.86	2.54	1.32	3.49	0.734	1.88	1.33	0.447	1.95	1987
1988	0.303	0.462	0.281	1.10	23.8	23.0	56.4	5.07	2.88	2.48	1.77	1.13	9.84	1988
MEAN	0.288	0.218	0.167	1.38	21.1	9.45	6.57	3.07	2.10	2.25	1.21	0.507	4.05	MEAN

LOCATION - LAT 61 25 45 N
LONG 121 14 28 W
DRAINAGE AREA, 1 310 km^2
NATURAL FLOW

REMARKS - FORMERLY CALLED "AT FORT SIMPSON HIGHWAY"; FLOWS PRIOR TO 1978 WERE MOSTLY ESTIMATED AND SHOULD BE USED WITH DISCRETION

JEAN-MARIE RIVER AT HIGHWAY NO. 1 - STATION NO. 10FB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	---	27.2 E ON JUL 3	0.1338 ON MAR 21	87 400	1973
1974	---	47.3 E ON MAY 14	0.0288 ON APR 10	144 000	1974
1975	---	40.0 RE ON MAY 3	0.0578 ON APR 4	142 000	1975
1976	---	90.8 ON MAY 2	0.2278 ON MAR 31	156 000	1976
1977	---	45.0 ON MAY 16	0.0828 ON FEB 21	121 000	1977
1978	---	26.5 ON MAY 8	0.0718 ON APR 1	78 800	1978
1979	---	54.5 ON MAY 22	0.1408 ON DEC 7	124 000	1979
1980	---	---	---	---	1980
1981	---	5.65A ON APR 27	0.105 ON SEP 2	18 700	1981
1982	78.8 AT 11:13 MST ON MAY 19	84.7 A ON MAY 9	0.0738 ON APR 27	98 400	1982
1983	61.8 AT 15:04 MST ON MAY 28	78.5 ON MAY 19	0.1428 ON APR 19	170 000	1983
1984	18.1 AT 08:35 MST ON JUL 7	81.2 ON MAY 28	0.2318 ON MAR 23	182 000	1984
		18.0 ON JUL 7	0.0588 ON FEB 28	95 000	
1985	43.2B AT 23:33 MST ON MAY 10	37.9 B ON MAY 10	0.0038 ON MAR 27 *	88 300	1985
1986	73.6 AT 18:32 MST ON MAY 12	73.2 ON MAY 12	0.2388 ON APR 10	153 000	1986
1987	18.0 AT 18:20 MST ON MAY 5	17.7 ON MAY 4	0.0958 ON APR 3	91 800	1987
1988	216 AT 16:30 MST ON JUL 3 *	211 ON JUL 4 *	0.1718 ON JAN 11	314 000	1988
				126 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

JOHNNY HOE RIVER ABOVE LAC STE. THERESE - STATION NO. 10JB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	38.7	29.2	17.8	9.88	---	1969
1970	5.92	4.44	4.20	4.97	78.1	80.4	64.4	69.8	74.7	64.6	36.3	21.0	42.7	1970
1971	11.2	8.28	4.68	---	---	---	50.8	21.6	14.3	11.6	8.34	6.53	---	1971
1972	3.70	1.72	---	---	---	---	---	36.3	22.1	9.75	6.14	5.25	---	1972
1973	4.81	4.35	4.76	5.88	264	105	78.0	38.6	32.6	25.4	16.6	9.55	48.8	1973
1974	6.57	3.73	2.88	3.13	161	188	81.8	38.3	26.4	21.8	18.3	14.8	44.5	1974
1975	11.3	7.88	4.84	---	---	---	---	---	---	---	---	7.34	---	1975
1976	5.85	5.01	4.08	---	---	81.4	36.5	21.4	16.8	7.82	4.38	3.78	---	1976
1977	2.97	1.97	1.74	---	---	---	38.9	14.7	8.84	5.64	4.40	2.87	---	1977
1978	2.11	1.81	1.78	1.76	75.2	81.8	57.0	28.0	16.2	8.23	4.73	4.27	24.8	1978
1979	3.38	2.04	1.76	2.34	155	117	42.8	20.8	13.8	12.1	8.31	3.08	31.8	1979
1980	2.74	2.58	2.47	5.08	114	73.3	41.4	24.3	28.2	27.2	11.5	8.20	28.8	1980
1981	---	---	---	---	---	80.4	41.8	18.4	8.58	10.8	7.81	5.20	---	1981
1982	3.81	2.78	2.00	1.88	155	178	82.5	42.8	43.1	44.2	26.1	18.0	48.4	1982
1983	13.8	11.6	9.84	8.81	84.5	208	86.5	31.5	18.5	12.8	8.73	5.81	41.0	1983
1984	3.76	2.87	2.75	17.1	114	43.3	44.1	61.0	82.2	80.0	31.1	8.84	36.5	1984
1985	3.30	2.21	1.83	1.81	172	221	87.8	49.8	35.7	27.7	18.4	13.0	53.0	1985
1986	10.1	8.30	7.09	8.81	278	214	88.8	51.5	43.8	27.7	18.0	14.5	84.8	1986
1987	12.1	9.85	7.87	8.87	189	83.1	41.8	17.4	11.5	8.82	4.76	3.92	32.5	1987
1988	3.40	3.14	2.99	3.84	79.5	122	133	64.1	123	71.9	30.4	18.1	53.8	1988
MEAN	6.17	4.89	3.85	5.41	148	123	82.3	38.5	34.7	25.2	14.7	9.07	42.5	MEAN

LOCATION - LAT 64 34 03 N
LONG 121 44 49 W
DRAINAGE AREA, 17 300 km^2
NATURAL FLOW

JOHNNY HOE RIVER ABOVE LAC STE. THERESE - STATION NO. 10JB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	1308 ON MAY 10	4.188 ON MAR 5	1 350 000	1971
1972	---	---	4.508 ON MAR 22	---	1972
1973	---	---	---	---	1973
1974	---	848 ON MAY 12 *	3.968 ON FEB 18	1 540 000	1974
		5388 ON MAY 18	2.428 ON FEB 28	1 400 000	
1975	---	---	3.888 ON APR 13	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	144 AT 01:00 MST ON MAY 28	133 ON MAY 28	1.718 ON APR 8	777 000	1978
1979	387 AT 00:50 MST ON MAY 18 *	387 ON MAY 21	1.708 ON MAR 10	1 000 000	1979
1980	---	1708 ON MAY 10	2.408 ON MAR 18	808 000	1980
1981	---	---	---	---	1981
1982	---	3688 ON MAY 19	1.688 ON APR 1	1 530 000	1982
1983	280 AT 19:07 MST ON MAY 31	278 ON JUN 1	4.538 ON DEC 31	1 290 000	1983
1984	---	2008 ON MAY 2	2.708 ON MAR 7	1 220 000	1984
1985	---	5008 ON MAY 24	1.488 ON APR 10 *	1 670 000	1985
1986	---	5008 ON MAY 18	6.408 ON APR 24	2 040 000	1986
1987	---	4208 ON MAY 8	3.848 ON DEC 31	1 030 000	1987
1988	226 AT 18:51 MST ON JUL 8	224 ON JUL 8	2.938 ON APR 2	1 700 000	1988
				1 340 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

JUNGLE RIDGE CREEK NEAR THE MOUTH - STATION NO. 10XA008

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO NOV IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	0	0	0	0.007	2.28	0.888	0.185	1.71	0.382	0.188	0.018	0	0.719	1980
1981	OR	OR	OR	0.012R	2.12R	0.343	0.358	0.138	0.148	0.287	0.058	0.005	0.438R	1981
1982	0	0	0	0	4.57	1.98	0.305	0.807	0.539	0.420	0.082	0.001	1.11	1982
1983	0	0	0	0.131R	1.88R	1.72 R	0.187R	0.093R	0.110R	0.088R	0.058R	0.017R	0.532R	1983
1984	0	0	0	0.031	1.89	0.800	0.570	1.04	1.08	0.214R	0.008R	0	0.857R	1984
1985	0	0	0	0	4.48	1.07	0.535	0.148	0.180	0.180R	0.001R	0	0.825R	1985
1986	0	0	0	0	3.37	1.07	0.158	0.074	0.140	0.088	0.008	0	0.818	1986
1987	0	0	0	0.004	4.90	1.10	0.122	0.087	0.089	0.138	0.011	0	0.815	1987
1988	0	0	0	0.034	1.71	0.858	0.327	0.078	1.10	0.217	0.041	0	0.509	1988
MEAN	OR	OR	OR	0.024R	3.00R	1.04 R	0.308R	0.478R	0.418R	0.197R	0.031R	0.003R	0.891R	MEAN

LOCATION - LAT 85 03 50 N LONG 128 03 44 W DRAINAGE AREA, 41.3 km² NATURAL FLOW

R - REVISED SINCE JAN 01 1987

JUNGLE RIDGE CREEK NEAR THE MOUTH - STATION NO. 10XA008

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO NOV FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	6.63 AT 16:30 MST ON AUG 16 *	6.36 ON MAY 12	OB ON APR 1 *	15 200	1980
1981	---	6.00RE ON MAY 5	ORB ON APR 1	9 240R	1981
1982	---	12.3 B ON MAY 19 *	OB ON APR 1	23 300	1982
1983	8.78E AT 21:07 MST ON MAY 27	8.83RE ON MAY 27	OB ON APR 1	11 200R	1983
1984	5.75 AT 08:35 MST ON JUL 30	5.33 ON JUL 30	OB ON APR 1	13 500R	1984
1985	---	11.2 B ON MAY 15	OB ON APR 1	17 400R	1985
1986	---	8.12B ON MAY 15	OB ON APR 1	13 000	1986
1987	---	11.8 B ON MAY 21	OB ON APR 1	17 100	1987
1988	3.85 AT 16:25 MST ON MAY 25	3.59 ON MAY 25	OB ON APR 1	10 700	1988
				14 800R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

KAKISA RIVER AT OUTLET OF KAKISA LAKE - STATION NO. 07UC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	172	101	76.4	85.4	---	---	---	1982
1983	---	---	---	---	---	---	---	---	---	100	65.0	80.3	---	1983
1984	39.5	33.1	12.6	11.7	73.9	147	85.8	37.9	46.1	70.1	76.5	80.4	64.5	1984
1985	32.5	23.8	19.7	17.1	58.9	113	72.0	82.5	51.7	50.2	41.0	31.2	47.8	1985
1986	24.7	18.0	14.5	13.4	70.4 R	181 R	91.1	51.5	38.9	34.8	30.2	21.9	47.7 R	1986
1987	14.4	11.0	9.23	9.17	38.4	187	105	65.3	44.8	38.5	28.2	21.7	45.7	1987
1988	14.7	12.3	8.88	7.25	32.1	70.7	48.0	63.8	63.4	58.0	42.0	30.2	37.8	1988
1989	21.1	15.5	13.1	13.2	63.3	102	51.9	28.5	24.8	29.2	24.6	16.4	33.7	1989
1970	12.1	10.2	8.19	8.21	54.5	95.0	50.2	31.4	25.5	23.8	18.9	11.8	28.0	1970
1971	11.2	11.3	9.38	7.43	40.2	47.3	16.9 R	15.7 R	16.5	13.8	8.08	8.43	17.3 R	1971
1972	5.03	3.55	2.68	5.15	28.1	108	70.3	38.3	27.0	22.1	18.2	14.8	28.7	1972
1973	12.7	10.7	9.06	8.24	24.6	31.9	23.6	27.1	25.5	25.2	14.4	13.2	19.7	1973
1974	11.1	8.82	7.17	8.77R	34.5 R	85.3	55.9	50.5	45.4	42.9	35.5	28.3	36.4 R	1974
1975	18.4	14.9	9.73	10.5	88.3	108	55.4	35.5	51.7	59.8	50.5	39.8	43.3	1975
1976	26.5	19.4	15.0	18.7	128	178	126	70.7	97.5	124	85.7	45.5	78.5	1976
1977	28.3	21.1	16.3	12.9	29.4	78.4	75.5	55.5	51.3	54.9	44.0	34.0	43.5	1977
1978	22.3	14.5	10.5	8.49	23.5	41.7	28.5	30.0	34.0	31.5	22.9	18.7	23.5	1978
1979	11.3 R	7.10R	4.05R	3.48R	14.7 R	152	120	80.0	48.1	42.5	27.0 R	12.5 R	41.5 R	1979
1980	7.87 R	5.41R	5.38	5.32	7.11	4.35	2.28	2.73	4.14	4.44	1.82	0.853R	4.37R	1980
1981	0.868	1.82	2.48	5.11	32.1	45.5	23.5 R	15.5 R	11.9 R	9.08	7.12	5.89	13.5 R	1981
1982	6.23	5.15	5.80	8.38	38.6	172	111	80.5	36.0	28.9	20.3	21.1	42.1	1982
1983	17.4	14.4	12.3	9.62	48.7	123	82.9	37.9	29.5	29.1	28.0	22.5	36.4	1983
1984	18.4	14.2	11.6	11.3	30.5	19.2	18.9	39.3	52.5	71.6	73.5	53.9	34.4	1984
1985	39.0	27.2	17.4	11.7	89.7	153	78.3	53.2	80.1	95.5	78.0	55.1	62.4	1985
1986	32.8	22.8	17.1	12.6	89.8	185	135	84.9	83.0	51.5	39.9	24.5	60.1	1986
1987	21.8	22.5	20.7	14.5	45.5	57.2	58.5	58.3	58.8	56.3	55.4	50.7	44.2	1987
1988	36.7	26.7	20.1	17.3	72.7	214	333	328	205	115	72.4	45.5	124	1988
MEAN	19.4 R	14.7 R	11.3 R	10.3 R	47.6 R	108 R	78.3 R	57.6 R	51.1 R	49.9	39.6 R	28.5 R	42.1 R	MEAN

LOCATION - LAT 50 55 25 N LONG 117 25 18 W DRAINAGE AREA, 15 800 km² NATURAL FLOW

R - REVISED SINCE JAN 01 1987

KAKISA RIVER AT OUTLET OF KAKISA LAKE - STATION NO. 07UC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1982	---		---		---		---	1982
1983	---		---		---		---	1983
1984	178 AT 01:00 MST ON JUN 10		166 ON JUN 12		8.51 B ON APR 18		1 720 000	1984
1985	150 AT 23:00 MST ON JUN 17		128 ON JUN 18		15.8 B ON APR 13		1 500 000	1985
1986	---		180 RE ON JUN 11		12.0 ON APR 9		1 500 000R	1986
1987	202 AT 22:10 MST ON JUN 19		187 ON JUN 17		8.21 ON MAY 1		1 440 000	1987
1988	86.7 AT 18:00 MST ON SEP 28		81.8 ON JUN 13		8.57 ON APR 25		1 190 000	1988
1989	136 AT 23:00 MST ON JUN 5		117 ON JUN 7		10.5 ON APR 7		1 080 000	1989
1970	131 AT 07:00 MST ON JUN 5		110 ON JUN 5		6.57 B ON APR 8		918 000	1970
1971	76.5 AT 10:30 MST ON JUN 4		71.8 ON JUN 3		8.12 B ON APR 18		848 000R	1971
1972	136 AT 15:00 MST ON JUN 20		121 ON JUN 18		2.27 B ON MAR 15		905 000	1972
1973	87.5 AT 10:00 MST ON SEP 9		48.3 ON SEP 9		7.25 B ON APR 18		822 000	1973
1974	128 AT 21:00 MST ON JUN 24		106 ON JUN 19		8.80 B ON MAR 8		1 150 000R	1974
1975	137 AT 20:00 MST ON JUN 11		128 ON JUN 11		7.70 B ON MAR 30		1 370 000	1975
1976	216 AT 19:15 MST ON JUN 24		183 ON JUN 18		12.2 B ON APR 15		2 480 000	1976
1977	114 AT 22:30 MST ON JUN 24		94.5 ON JUN 25		12.0 B ON APR 12		1 380 000	1977
1978	80.0 AT 18:00 MST ON JUN 15		47.9 ON JUN 5		7.82 ON APR 27		751 000	1978
1979	210 E AT 20:00 MST ON JUN 23		186 ON JUN 24		3.00 RB ON APR 4		1 320 000R	1979
1980	11.8 AT 17:00 MST ON MAY 20		8.00RB ON JAN 1		0.276RB ON DEC 17 *		138 000R	1980
1981	82.3 AT 08:05 MST ON JUN 4		57.7 ON JUN 4		0.570B ON JAN 1		428 000R	1981
1982	200 AT 11:23 MST ON JUN 23		193 ON JUN 28		4.92 B ON JAN 15		1 330 000	1982
1983	140 AT 14:14 MST ON JUN 15		137 ON JUN 16		7.85 ON APR 21		1 150 000	1983
1984	87.5 AT 09:15 MST ON OCT 5		78.8 ON OCT 5		7.59 ON JUN 28		1 080 000	1984
1985	185 AT 19:18 MST ON JUN 13		174 ON JUN 12		10.6 B ON APR 20		2 000 000	1985
1986	197 AT 17:00 MST ON JUN 23		174 ON JUN 10		11.1 B ON APR 18		1 890 000	1986
1987	88.6 AT 17:12 MST ON JUN 13		77.4 ON JUN 4		12.8 E ON APR 13		1 400 000	1987
1988	377 AT 17:46 MST ON JUL 22 *		369 ON JUL 22 *		16.5 ON APR 19		3 930 000	1988
							1 330 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

KAZAN RIVER ABOVE KAZAN FALLS - STATION NO. 08LC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	---	---	748	482	350	215	89.7	---	1985
1986	78.4	71.3	85.2	58.6	59.8	1 310	1 400	881	602	426	285	131	488	1986
1987	124	120	113	105	104	848	985	774	536	423	318	218	389	1987
1988	184	118	107	98.9	84.3	1 050	1 600	1 120	872	---	---	---	---	1988
1989	---	---	---	218	299	451	1 140	1 010	704	458	280	113	---	1989
1970	46.6	34.3	41.3	57.0	70.4	863	848	788	868	673	484	388	427	1970
1972	30.5	28.0	27.2	42.8	178	831	1 120	878	588	480	378	284	378	1972
1973	218	184	117	134	382	1 170	908	828	488	350	171	87.8	404	1973
1974	70.8	50.8	36.3	52.8	350	880	848	568	803	338	238	180	323	1974
1975	80.3	42.7	46.8	83.1	383	1 730	1 280	788	601	287	188	113	488	1975
1976	82.6	48.2	31.5	58.7	178	1 240	1 280	784	488	281	108	34.5	381	1976
1977	48.9	88.3	71.1	85.6	181	825	880	860	614	426	326	283	370	1977
1978	223	178	188	186	182	1 020	1 580	1 100	732	388	284	213	518	1978
1979	148	84.8	67.2	76.3	211	1 010	1 380	913	688	320	214	138	427	1979
1980	88.7	87.2	77.1	88.3	246	881	587	448	538	342	240	208	323	1980
1981	184	188	178	176	183	818	1 280	988	634	418	241	142	488	1981
1982	78.0	48.3	46.8	46.1	48.3	825	1 040	772	582	488	281	201	388	1982
1983	143	111	97.2	110	137	848	1 180	847	732	551	328	208	438	1983
1984	147	114	102	128	180	878	1 530	1 040	788	478	315	228	508	1984
1985	184	123	101	108	173	740	1 210	1 130	878	587	387	288	488	1985
1986	204	188	186	181	188	1 080	1 480	957	838	432	307	228	504	1986
1987	188	138	128	131	182	880	1 850	1 180	738	484	326	223	528	1987
1988	188	125	105	112	180	700	1 880	1 210	783	534	371	288	518	1988
MEAN	128	100	80.7	104	188	824	1 230	878	847	430	282	180	432	MEAN

LOCATION - LAT 64 38 10 N, LONG 88 51 18 W
DRAINAGE AREA, 70 000 km^2
NATURAL FLOW

REMARKS - THE MAXIMUM DISCHARGE MEASURED WAS 2820 m^3/s ON JUL 18 1982

NORTHWEST TERRITORIES

KAZAN RIVER ABOVE KAZAN FALLS - STATION NO. 08LC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	1 810E ON JUN 15	58.8B ON MAY 1	14 400 000	1966
1967	---	1 470 ON JUN 22	84.0B ON APR 18	12 300 000	1967
1968	---	2 090E ON JUL 4	90.8B ON MAY 24	---	1968
1969	---	---	---	---	1969
1970	---	1 280 ON JUN 11	34.3B ON FEB 28	13 500 000	1970
1972	---	1 380E ON JUL 5	25.8B ON APR 8	11 900 000	1972
1973	---	1 890 ON JUN 5	71.1B ON DEC 31	12 700 000	1973
1974	---	1 090E ON JUN 4	33.1A ON MAR 11	10 200 000	1974
1975	---	1 830 ON JUN 3	31.1B ON FEB 15	14 500 000	1975
1976	---	1 480 ON JUN 21	18.3B ON MAR 10 *	12 100 000	1976
1977	---	1 280B ON JUN 19	35.2B ON JAN 1	11 700 000	1977
1978	---	1 640B ON JUN 28	158 B ON MAR 17	16 300 000	1978
1979	---	1 630E ON JUL 3	52.7B ON MAR 24	13 500 000	1979
1980	---	1 800 ON JUN 12	85.3B ON APR 25	10 200 000	1980
1981	---	1 380 ON JUL 15	107 B ON DEC 31	14 400 000	1981
1982	---	1 170 ON JUN 29	46.0B ON APR 18	11 200 000	1982
1983	---	1 280 ON JUL 2	92.0B ON MAR 18	13 800 000	1983
1984	---	1 720A ON JUN 26	100 B ON MAR 18	16 000 000	1984
1985	---	1 320 ON JUL 28	97.0B ON MAR 25	15 400 000	1985
1986	---	1 780 ON JUN 25	180 B ON FEB 16	15 800 000	1986
1987	---	2 480E ON JUL 11 *	129 B ON MAR 10	16 700 000	1987
1988	---	1 720 ON JUL 10	101 B ON MAR 28	18 300 000	1988
				13 700 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KAZAN RIVER AT OUTLET OF ENNADAI LAKE - STATION NO. 08LA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	159	156	---	---	---	---	---	1963
1965	---	---	---	---	---	---	---	142	115	101	80.8	---	---	1965
1966	---	---	---	---	77.6	233	328	159	129	118	107	80.0	---	1966
1967	77.3	66.5	57.9	63.9	70.8	147	200	173	184	163	134	121	118	1967
1968	117	115	115	113	102	288	355	300	262	378	297	211	224	1968
1969	177	162	148	131	117	189	189	187	133	104	86.6	76.1	139	1969
1970	71.6	67.5	60.0	55.7	55.1	112	121	120	113	105	94.8	84.4	88.6	1970
1971	78.4	78.9	70.4	64.7	68.1	130	114	88.0	66.3	59.7	58.3	52.9	76.1	1971
1972	49.3	45.8	48.4	58.1	69.3	150	149	187	199	198	182	131	119	1972
1973	107	91.0	86.9	96.0	134	208	174	134	102	88.5	86.6	81.8	113	1973
1974	62.3	56.4	49.8	47.6	68.2	92.8	81.8	102	100	89.7	82.8	78.3	78.8	1974
1975	87.8	81.7	84.8	86.2	86.1	188	181	127	95.8	86.1	87.1	81.0	98.5	1975
1976	78.5	70.9	65.5	60.4	141	329	218	146	122	99.7	91.8	84.2	125	1976
1977	80.8	78.1	74.7	72.4	111	247	205	183	213	217	188	167	153	1977
1978	128	110	97.5	91.0	108	201	241	208	184	133	115	98.4	141	1978
1979	83.8	74.2	70.3	62.0	113	192	189	142	118	101	88.3	77.8	111	1979
1980	70.6	65.7	60.7	58.3	83.5	98.0	97.8	105	145	141	119	101	95.5	1980
1981	87.0	77.1	70.1	67.3	93.6	220	222	177	127	104	87.8	77.1	118	1981
1982	68.5	61.7	55.7	48.8	72.1	268	251	182	162	137	122	103	127	1982
1983	85.0	71.2	68.8	72.6	82.4	194	254	215	188	148	171	138	143	1983
1984	112	88.8	74.1	70.7	124	282	253	211	208	188	188	134	180	1984
1985	113	108	88.7	85.0	128	223	208	193	201	207	188	184	181	1985
1986	144	137	123	110	---	---	---	---	---	---	---	---	---	1986
1987	98.8	90.8	88.3	84.8	114	288	295	208	183	134	117	108	148	1987
1988	100	88.7	78.7	74.2	78.6	335	373	281	211	181	158	137	178	1988
MEAN	93.4	84.7	77.8	76.7	98.1	207	207	171	152	144	125	107	129	MEAN

LOCATION - LAT 61 15 13 N
LONG 100 58 26 W
DRAINAGE AREA, 21 400 km^2
NATURAL FLOW

REMARKS - STAGE-DISCHARGE RELATIONSHIP REFERRED TO STAGE AT STATION NO. 08LA002 SINCE 1978

KAZAN RIVER AT OUTLET OF ENNADAI LAKE - STATION NO. 05LA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1985	---	---	---	---	
1986	---	---	---	---	1985
1987	---	281 ON JUN 30	---	---	1986
1988	---	207 ON JUL 2	56.48 ON MAR 8	3 740 000	1987
1989	---	388E ON OCT 11	83.28 ON MAY 23	7 070 000	1988
		212 ON JUN 29	71.88 ON DEC 29	4 370 000	1989
1970	---	140 ON AUG 10	51.6 ON MAY 18	2 780 000	1970
1971	---	127 ON JUN 23	51.38 ON DEC 30	2 480 000	1971
1972	---	225 ON OCT 3	43.38 ON MAR 9 *	3 780 000	1972
1973	---	219 ON JUN 14	58.98 ON DEC 27	3 550 000	1973
1974	---	108 ON AUG 14	48.48 ON APR 28	2 380 000	1974
1975	---	188 ON JUL 14	60.08 ON FEB 18	3 040 000	1975
1976	---	386E ON JUN 5	56.88 ON MAY 7	3 870 000	1976
1977	---	270E ON JUN 15	71.18 ON APR 21	4 810 000	1977
1978	---	252 ON JUL 19	88.1 ON MAY 3	4 460 000	1978
1979	---	223E ON JUN 18	88.88 ON MAR 24	3 800 000	1979
1980	---	155 ON SEP 19	58.8E ON APR 14	3 020 000	1980
1981	---	238 ON JUL 4	85.7 ON MAY 14	3 720 000	1981
1982	---	278 ON JUN 23	45.58 ON MAY 15	4 010 000	1982
1983	---	273 ON JUL 1	82.48 ON APR 5	4 520 000	1983
1984	---	286 ON JUN 15	89.08 ON MAR 28	5 080 000	1984
1985	---	238 ON JUN 18	84.08 ON APR 19	5 070 000	1985
1986	---	---	---	---	1986
1987	---	345 ON JUN 28	83.08 ON APR 13	4 710 000	1987
1988	---	443 ON JUN 22 *	73.08 ON MAY 3	5 530 000	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 070 000	MEAN

KENDALL RIVER NEAR OUTLET OF DISMAL LAKES - STATION NO. 10PC001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	11.5	3.53	1.08	---	1969
1970	0.012	0	---	---	---	---	---	17.8	47.8	18.0	8.03	1.13	---	1970
1971	---	---	---	---	---	---	33.0	18.0	18.1	11.1	1.35	0	---	1971
1972	---	---	---	---	---	---	---	10.5	3.13	0.427	0.028	---	---	1972
1973	0	0	0	0	---	---	18.5	46.6	25.2	11.4	1.87	0	---	1973
1974	0	0	0	0	---	---	31.8	11.8	5.42	0.373	0	0	---	1974
1975	0	0	0	0	---	---	30.2	7.84	4.30	0.801	0	0	---	1975
1976	0	0	0	0	0	---	28.2	16.4	6.69	4.86	0.128	0	---	1976
1977	0	0	0	0	---	---	---	---	---	19.3	3.80	0	---	1977
1978	0	0	0	0	0	78.5	85.6	13.1	3.68	0.788	0.010	0	27.0	1978
1979	0	0	0	0	7.12	86.4	28.3	8.82	4.61	1.32	0.112	0	18.2	1979
1980	0	0	0	0	3.11	108	31.8	12.5	8.85	3.27	0.728	0	27.3	1980
1981	---	---	---	---	---	---	---	14.5	16.5	11.0	1.78	0.020	---	1981
1982	0	0	0	0	0.852	137	51.2	18.8	10.2	2.94	0.248	0	36.4	1982
1983	0	0	0	0	0.012	107	42.4	18.2	46.2	19.5	1.85	0.004	38.7	1983
1984	0	0	0	0	23.8	118	24.3	22.8	17.3	4.92	0.256	0	34.4	1984
1985	---	---	---	---	4.80	78.8	28.3	18.5	18.4	4.83	---	---	25.3	1985
1986	0	0	0	0	0	103	86.7	13.8	6.52	0.828	0.008	0	31.8	1986
1987	0	0	0	0	0	84.5	52.8	15.4	18.7	6.43	0.008	0	31.0	1987
1988	0	0	0	0	0.003	88.7	21.4	11.2	42.4	11.2	0.084	0	25.5	1988
MEAN	0.001	0	0	0	3.88	95.7	37.0	18.5	18.9	7.23	1.18	0.123	28.8	MEAN

LOCATION - LAT 67 12 51 N
LONG 116 34 33 W
DRAINAGE AREA, 2 780 km^2
NATURAL FLOW

KENDALL RIVER NEAR OUTLET OF DISMAL LAKES - STATION NO. 10PC001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	---	8.43 ON OCT 31	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	---	0 B ON OCT 28 *	---	1975
1976	---	---	0 B ON MAY 1	---	1976
1977	---	---	0 B ON MAY 1	---	1977
1978	142 AT 15:10 MST ON JUN 25	141 ON JUN 25	0 B ON MAY 1	428 000	1978
1979	108 AT 17:00 MST ON JUN 15	102 ON JUN 15	0 B ON MAY 1	306 000	1979
1980	190 AT 18:30 MST ON JUN 15	187 ON JUN 15	0 B ON MAY 1	435 000	1980
1981	---	---	---	---	1981
1982	---	397 ON JUN 18 *	0 B ON MAY 1	578 000	1982
1983	---	268B ON JUN 17	0 B ON MAY 1	616 000	1983
1984	180 AT 10:52 MST ON JUN 10	178 ON JUN 10	0 B ON MAY 1	547 000	1984
1985	---	---	---	---	
1986	230 AT 12:58 MST ON JUN 25 *	138E ON JUN 5	0 B ON MAY 1	402 000	1985
1987	181 AT 13:51 MST ON JUN 17	228 ON JUN 25	0 B ON MAY 1	502 000	1986
1988	127 AT 00:40 MST ON JUN 10	180 ON JUN 17	0 B ON MAY 1	483 000	1987
		126 ON JUN 9	0 B ON MAY 1	406 000	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		471 000	MEAN

KIRCHOFFER RIVER NEAR CORAL HARBOUR - STATION NO. 08PA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	248	---	---	---	---	---	---	---	1983
1985	---	---	---	---	0	---	38.8	71.8	80.1	2.88	0	0	---	1985
1986	0	0	0	0	0	122	110	33.8	21.4	1.33	0	0	24.0	1986
MEAN	0	0	0	0	0	184	73.4	52.7	40.8	2.01	0	0	24.0	MEAN

LOCATION - LAT 64 07 43 N
LONG 83 26 16 W
DRAINAGE AREA, 3 180 km²
NATURAL FLOW

KIRCHOFFER RIVER NEAR CORAL HARBOUR - STATION NO. 08PA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	0E ON JUN 1 *	---	1983
1985	---	---	0E ON MAY 1	---	1985
1986	---	840E ON JUN 25 *	0E ON JAN 1	780 000	1986
				780 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KOGNAK RIVER BELOW MOUNTAIN LAKE - STATION NO. 08HD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	71.7	89.1	---	---	---	---	---	1977
1978	---	---	---	---	---	---	---	53.7	37.5	27.8	---	---	---	1978
1980	---	---	---	---	---	---	82.4	42.2	---	---	44.2	26.0	---	1980
1981	14.5	---	---	---	18.8	280	152	83.0	39.3	30.1	17.5	10.1	---	1981
1982	5.73	3.40	1.81	0.897	0.581	120	98.3	48.1	44.7	49.4	31.8	15.4	35.0	1982
1983	7.33	3.80	2.27	1.81	1.88	241	202	88.3	54.9	48.9	20.5	8.23	58.7	1983
1984	2.31	0.915	0.383	0.844	9.80	227	140	71.1	88.5	47.8	14.7	7.83	48.4	1984
1985	4.83	3.42	2.28	1.02	0.539	178	180	82.4	83.4	50.2	9.71	5.13	48.5	1985
1986	3.77	2.87	2.07	1.17	18.3	238	130	83.8	49.0	28.7	12.8	6.85	46.5	1986
1987	3.30	2.38	1.87	1.45	1.85	285	230	88.6	52.0	39.8	17.6	7.45	80.9	1987
1988	4.08	2.48	1.49	0.885	0.985	233	229	92.2	48.5	35.1	24.4	15.8	57.4	1988
MEAN	5.80	2.72	1.74	1.13	5.32	228	148	89.2	52.1	38.7	21.5	10.7	50.8	MEAN

LOCATION - LAT 61 15 17 N
LONG 98 28 00 W
DRAINAGE AREA, 8 800 km²
NATURAL FLOW

KOGNAK RIVER BELOW MOUNTAIN LAKE - STATION NO. 08HD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	---	---	---	---	1978
1980	---	---	---	---	1980
1981	---	328E ON JUN 8	0.88E ON MAY 19	---	1981
1982	---	187 ON JUN 21	0.400B ON MAY 25	1 100 000	1982
1983	---	473 ON JUN 22 *	1.66 B ON MAY 18	1 780 000	1983
1984	---	283 ON JUN 13	0.285B ON MAR 17	1 530 000	1984
1985	---	328 ON JUN 19	0.250B ON MAY 15 *	1 580 000	1985
1986	---	287 ON JUN 12	0.620B ON MAY 6	1 470 000	1986
1987	---	435 ON JUN 18	1.35 B ON APR 30	1 820 000	1987
1988	---	381E ON JUN 22	0.540B ON MAY 17	1 820 000	1988
				1 800 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KUNWAK RIVER BELOW PRINCESS MARY LAKE - STATION NO. 08LC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	5.84	4.80	3.95	2.32	41.3	161	173	142	122	88.3	43.2	18.8	70.0	1977
1978	19.1	21.3	31.0	19.2	23.1	108	284	236	150	83.8	33.0	18.9	87.2	1978
1979	11.4	11.5	12.5	13.7	17.8	112	178	154	112	79.7	52.6	34.7	66.2	1979
1980	22.7	15.1	10.0	6.83	16.5	88.0	143	123	128	93.9	87.1	50.1	63.6	1980
1981	37.5	28.5	21.5	18.2	12.3	80.0	170	158	112	63.3	27.2	18.5	61.4	1981
1982	7.08	0	0	0	0	88.5	184	184	120	57.3	19.4	18.4	66.3	1982
1983	13.9	11.8	9.83	8.41	7.15	82.2	188	158	122	85.8	72.0	44.5	66.4	1983
1984	31.1	24.5	23.9	28.7	28.3	130	221	178	128	73.2	52.0	37.4	78.8	1984
1985	27.5	21.5	17.8	17.5	28.4	118	185	214	173	118	74.0	50.1	87.4	1985
1986	33.5	33.7	21.7	21.5	48.2	184	232	180	113	59.2	37.8	28.5	80.8	1986
1987	23.8	21.3	20.1	20.0	20.0	71.0	256	221	138	82.8	47.3	33.8	78.9	1987
1988	28.9	26.3	22.7	21.3	21.7	124	217	178	118	78.4	40.0	32.0	76.0	1988
MEAN	21.9	17.5	18.3	14.6	22.1	113	202	176	128	81.0	47.1	31.8	72.9	MEAN

LOCATION - LAT 63 47 43 N
LONG 87 25 43 W
DRAINAGE AREA, 12 100 km²
NATURAL FLOW

KUNWAK RIVER BELOW PRINCESS MARY LAKE - STATION NO. 08LC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1977	---	169 ON JUN 11	0.8088 ON APR 4	2 210 000	1977
1978	---	303E ON JUL 8 *	9.63 B ON JAN 13	2 750 000	1978
1979	---	182 ON JUL 26	10.5 B ON JAN 1	2 080 000	1979
1980	---	183 ON JUL 14	5.40 B ON APR 30	2 010 000	1980
1981	---	200 ON JUL 18	11.0 B ON MAY 27	1 840 000	1981
1982	---	188 ON JUL 24	0 B ON JAN 30 *	1 780 000	1982
1983	---	174 ON JUL 20	5.70 B ON MAY 28	2 090 000	1983
1984	---	232A ON JUL 14	23.8 B ON MAR 5	2 820 000	1984
1985	---	234 ON AUG 8	16.8 B ON MAR 31	2 760 000	1985
1986	---	248 ON JUL 18	21.0 B ON APR 12	2 850 000	1986
1987	---	282 ON JUL 23	20.0 B ON MAR 15	2 520 000	1987
1988	---	222 ON JUL 6	21.0 B ON APR 25	2 400 000	1988
				2 300 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA MARTRE RIVER BELOW OUTLET OF LAC LA MARTRE - STATION NO. 07TA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	15.0	---	---	---	---	35.1	30.0	24.4	20.0	18.8	---	1976
1976	14.8	13.3	---	---	---	---	31.5	28.5	23.7	21.2	17.3	12.8	---	1976
1977	11.0	8.70	11.4	18.5	20.8	25.3	23.8	20.1	18.5	18.3	18.8	14.4	17.5	1977
1978	13.8	13.2	8.74	12.7	20.3	28.2	30.0	28.1	22.4	22.8	17.7	15.2	13.5	1978
1979	14.5	13.1	11.0	15.2	28.3	38.8	33.8	28.1	24.4	22.0	17.2	14.0	21.2	1979
1980	11.8	9.80	7.81	9.03	28.2	35.3	31.0	27.7	25.4	21.5	18.3	18.9	20.1	1980
1981	15.8	15.5	16.0	17.7	30.8	36.3	36.8	29.8	25.4	24.7	24.6	21.3	24.7	1981
1982	17.1	13.8	13.3	16.1	24.5	39.0	38.3	32.5	28.9	24.4	23.0	22.8	24.5	1982
1983	22.5	22.4	22.2	21.8	35.1	36.2	35.0	32.5	29.8	27.0	26.2	18.3	26.8	1983
1984	18.4	12.7	18.4	23.5	36.8	36.1	34.8	33.3	29.2	26.8	22.5	21.3	26.2	1984
1985	21.2	20.7	21.0	26.1	47.7	57.4	56.8	57.0	58.6	48.0	32.4R	32.1R	40.1R	1985
1986	27.8	24.3	22.1	29.1	44.3	61.3	57.3	54.1	48.8	46.3	37.1	36.1	40.7	1986
1987	32.6	29.2	28.1	38.5	48.3	51.5	40.7	33.8	28.1	25.3	22.0	20.2	33.2	1987
1988	17.8	16.7	15.9	22.5	29.5	38.2	38.3	35.6	33.0	28.1	22.0	19.5	26.8	1988
MEAN	18.1	16.5	15.8	21.0	31.5	40.4	37.5	33.9	30.4	27.4	22.8R	20.1R	26.8R	MEAN

LOCATION - LAT 63 06 35 N
LONG 116 58 19 W
DRAINAGE AREA, 13 800 km²
NATURAL FLOW

R - REVISED SINCE JAN 01 1987

LA MARTRE RIVER BELOW OUTLET OF LAC LA MARTRE - STATION NO. 07TA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1976	---	---	---	---	1976
1976	---	---	---	---	1976
1977	29.2 AT 02:45 MST ON JUL 1	26.9 ON JUL 1	11.5 B ON DEC 31	---	1976
1978	34.0 AT 21:35 MST ON JUN 18	32.8 ON JUN 17	9.348 ON FEB 24	582 000	1977
1979	---	37.1E ON JUN 18	8.008 ON MAR 18	814 000	1978
1980	---	36.7E ON JUN 14	10.3 B ON MAR 27	889 000	1979
1981	42.6 AT 13:05 MST ON JUL 5	41.5 ON JUL 5	6.808 ON APR 10 *	835 000	1980
1982	45.4 AT 19:53 MST ON JUN 28	45.0 ON JUN 28	15.5 B ON FEB 2	778 000	1981
1983	41.1 AT 05:05 MST ON AUG 14	40.5 ON AUG 14	12.7 B ON FEB 27	774 000	1982
1984	44.5 AT 10:17 MST ON JUN 2	44.5 ON JUN 2	16.2 B ON DEC 31	838 000	1983
1985	68.8 AT 21:57 MST ON SEP 8 *	67.9 ON SEP 8 *	11.8 B ON FEB 20	828 000	1984
1986	64.8 AT 19:56 MST ON JUN 27	64.8 ON JUN 27	17.8 B ON APR 1	1 270 000R	1985
1987	56.3 AT 04:50 MST ON JUN 15	57.8 ON JUN 15	21.5 B ON MAR 15	1 280 000	1986
1988	48.9 AT 17:15 MST ON JUL 23	48.7 ON JUL 23	19.1 B ON DEC 30	1 050 000	1987
			15.2 B ON FEB 11	850 000	1988
				848 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

LENED CREEK ABOVE LITTLE NAHANNI RIVER - STATION NO. 10EB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	0.717	0.691	0.448	0.240	0.226	---	1982
1983	0.184	0.092	0.080	0.088	0.518	3.92R	1.05	1.02	0.886	0.320	0.244	0.201	0.881R	1983
1984	0.136	0.088	0.055	0.082	0.413	2.58	2.11	1.88	1.02	0.408	0.148	0.113	0.782	1984
1985	0.091	0.051	0.042	0.067	0.216	2.38	3.54	1.57	0.880	0.371	0.178	0.118	0.788	1985
1986	0.083	0.053	0.055	0.074	0.255	2.18	2.82	1.45	0.818	0.447	0.278	0.146	0.718	1986
1987	0.083	0.074	0.085	0.102	0.645	3.67	2.37	1.08	0.888	0.535	0.288	0.202	0.781	1987
1988	0.134	0.088	0.087	0.108	0.888	3.28	2.18	1.27	0.894	0.888	0.298	0.200	0.888	1988
MEAN	0.118	0.074	0.084	0.083	0.488	2.84R	2.36	1.28	0.862	0.458	0.238	0.172	0.781R	MEAN

LOCATION - LAT 62 22 00 N, LONG 128 40 37 W DRAINAGE AREA, 34.3 km² NATURAL FLOW

R - REVISED SINCE JAN 01 1987

LENED CREEK ABOVE LITTLE NAHANNI RIVER - STATION NO. 10EB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1982	---	---	---	---	1982
1983	---	5.50RE ON JUN 2	0.0408 ON FEB 22	21 600R	1983
1984	4.67 AT 22:30 MST ON JUN 13	4.12 ON JUN 13	0.0508 ON MAR 15	23 800	1984
1985	5.75 AT 20:18 MST ON JUN 4	5.23 ON JUL 3	0.0348 ON FEB 28 *	25 200	1985
1986	5.67 AT 19:26 MST ON JUN 21	5.13 ON JUL 2	0.0438 ON FEB 24	22 700	1986
1987	5.94 AT 23:16 MST ON JUN 21	4.85 ON JUN 22	0.0608 ON FEB 1	23 700	1987
1988	8.37 AT 08:33 MST ON JUN 9 *	5.85 ON JUN 9 *	0.0598 ON MAR 22	27 000	1988
				24 000R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1987

LIARD RIVER AT FORT LIARD - STATION NO. 10ED001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	---	---	---	---	---	1 450	---	---	---	1943
1944	---	---	---	---	2 070	4 870	3 220	2 680	1 680	1 880	---	---	---	1944
1945	---	---	---	---	3 830	5 080	3 320	1 700	1 130	1 170	---	---	---	1945
1946	---	---	---	---	2 870	3 850	3 010	1 820	1 290	884	---	---	---	1946
1947	---	---	---	---	4 800	5 890	3 530	2 610	1 810	1 520	---	---	---	1947
1948	---	---	---	---	---	4 490	2 900	2 080	2 110	1 380	---	---	---	1948
1949	---	---	---	---	3 300	5 690	6 000	4 280	2 170	1 730	---	---	---	1949
1950	---	---	---	---	3 450	3 820	2 380	1 880	1 230	845	---	---	---	1950
1951	---	---	---	---	5 440	4 280	3 310	1 680	890	808	---	---	---	1951
1952	---	---	---	---	2 200	4 050	4 380	2 130	2 140	2 040	---	---	---	1952
1953	---	---	---	---	3 480	4 330	3 700	2 240	1 840	1 270	---	---	---	1953
1954	---	---	---	---	---	6 320	3 730	2 400	1 350	1 080	---	---	---	1954
1955	---	---	---	---	2 210	4 010	6 260	3 080	1 430	885	---	---	---	1955
1956	---	---	---	---	2 030	5 190	---	---	1 820	801	---	---	---	1956
1957	---	---	---	---	3 410	5 800	5 810	3 080	1 380	883	---	---	---	1957
1958	---	---	---	---	2 270	3 210	2 140	1 370	1 200	1 230	---	---	---	1958
1959	---	---	---	---	---	5 510	3 220	2 740	2 370	1 420	971	488	---	1959
1960	430	327	286	300	3 340	5 240	5 280	2 670	2 480	1 600	1 180	673	2 070	1960
1961	436	384	325	338	6 540	7 710	3 490	1 850	1 500	1 440	898	681	2 000	1961
1962	396	340	288	292	---	---	---	---	---	---	---	---	---	1962
1965	---	---	---	---	---	---	---	---	---	1 830	1 850	898	322	---	1965
1966	268	231	213	277	2 570	4 840	4 880	2 800	1 800	1 440	872	283	1 850	1966
1967	370	347	258	333	3 590	5 430	3 770	2 240	1 580	1 490	847	808	1 820	1967
1968	396	330	287	388	3 220	5 390	5 480	3 180	2 870	1 850	881	804	2 080	1968
1969	384	248	228	410	3 200	4 430	2 820	2 330	2 520	1 600	838	587	1 810	1969
1970	435	308	321	527	3 680	5 710	3 180	2 380	2 070	1 880	931	538	1 830	1970
1971	387	338	310	381	2 130	7 450	4 220	1 820	1 800	1 070	434	284	1 880	1971
1972	228	182	183	282	3 230	7 140	3 810	3 080	1 730	1 820	588	428	1 870	1972
1973	288	288	313	707	3 720	7 080	4 740	2 450	2 430	1 280	827	418	2 020	1973
1974	321	278	272	721	4 380	5 210	6 280	4 130	2 140	2 010	882	544	2 280	1974
1975	483	415	347	528	2 520	5 830	5 480	3 430	1 740	1 280	481	420	1 800	1975
1976	391	358	313	405	3 750	7 880	7 500	5 470	3 070	1 870	889	394	2 880	1976
1977	447	486	420	504	4 250	8 080	6 330	3 200	2 030	1 800	441	281	2 240	1977
1978	288	300	338	402	2 780	5 840	2 620	2 420	2 480	1 780	858	485	1 850	1978
1979	378	316	282	357	3 000	6 830	6 400	2 840	2 300	1 480	440	298	2 080	1979
1980	326	306	282	454	2 270	4 400	4 270	2 580	2 280	2 510	810	458	1 780	1980
1981	---	---	---	344	5 180	5 830	3 030	1 880	1 880	1 410	770	---	---	1981
1982	---	---	---	312	4 790	5 870	2 780	1 990	1 880	1 220	513	480	---	1982
1983	344	258	218	828	2 950	4 900	2 820	2 140	1 720	1 240	445	308	1 800	1983
1984	205	188	188	486	2 480	8 000	4 370	2 780	2 580	1 420	887	440	1 810	1984
1985	358	258	258	342	3 080	4 880	4 480	2 880	3 410	1 870	483	477	1 800	1985
1986	398	339	288	388	3 340	5 070	6 000	2 820	1 780	2 780	873	787	2 080	1986
1987	524	388	344	543	2 780	6 420	5 180	4 400	2 880	1 880	880	750	2 240	1987
1988	818	523	418	584	5 810	7 180	8 270	3 810	2 030	1 880	788	748	2 700	1988
MEAN	378	322	282	427	3 370	5 820	4 320	2 830	1 880	1 480	880	477	1 870	MEAN

LOCATION - LAT 60 14 35 N, LONG 123 28 46 W DRAINAGE AREA, 222 000 km² NATURAL FLOW

REMARKS - RECORDS ARE BEING REVIEWED

LIARD RIVER AT FORT LIARD - STATION NO. 10ED001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1943	---	---	---	---	1943
1944	---	8 230 ON JUN 13	---	---	1944
1945	---	8 770R ON JUN 12	---	---	1945
1946	---	5 870 ON MAY 31	---	---	1946
1947	---	7 820 ON JUN 1	---	---	1947
1948	---	8 710R ON MAY 27	---	---	1948
1949	---	8 810 ON JUL 18	---	---	1949
1950	---	5 810R ON MAY 12	---	---	1950
1951	---	8 230R ON MAY 8	---	---	1951
1952	---	7 230R ON JUL 3	---	---	1952
1953	---	8 050R ON JUL 27	---	---	1953
1954	---	7 370R ON MAY 21	---	---	1954
1955	---	8 310 ON JUL 4	---	---	1955
1956	---	---	---	---	1956
1957	---	8 120R ON MAY 28	---	---	1957
1958	---	4 310R ON JUN 11	---	---	1958
1959	---	8 800 ON JUN 18	---	---	1959
1960	---	8 870 ON JUN 28	2898 ON APR 15	85 800 000	1960
1961	---	12 000 ON MAY 28	3118 ON APR 1	83 000 000	1961
1962	---	---	---	---	1962
1965	---	---	---	---	1965
1966	8 480 AT 10:00 MST ON JUL 13	8 400 ON JUL 13	2108 ON MAR 15	82 000 000	1966
1967	7 380 AT 21:00 MST ON JUN 8	7 330 ON JUN 8	3488 ON MAR 8	87 400 000	1967
1968	8 230 AT 03:00 MST ON JUL 18	8 090 ON JUL 18	2888 ON APR 5	85 300 000	1968
1969	---	8 230 ON MAY 28	2088 ON MAR 31	80 800 000	1969
1970	7 980 AT 07:45 MST ON JUN 13	7 840 ON JUN 13	2878 ON FEB 9	87 700 000	1970
1971	10 400 AT 09:00 MST ON JUN 18	10 400 ON JUN 18	2588 ON DEC 31	83 200 000	1971
1972	10 100 AT 17:00 MST ON JUN 3	10 000 ON JUN 3	1728 ON FEB 18 *	88 200 000	1972
1973	11 500 AT 13:00 MST ON JUN 18	11 300 ON JUN 18	2788 ON JAN 24	83 800 000	1973
1974	12 800 AT 22:30 MST ON JUL 18	12 500 ON JUL 18	2838 ON NOV 23	71 300 000	1974
1975	---	12 800 ON JUL 1	3288 ON APR 2	80 000 000	1975
1976	12 000 AT 18:40 MST ON JUN 12	11 800 ON JUN 12	3068 ON MAR 28	84 700 000	1976
1977	14 800 AT 23:00 MST ON JUN 4 *	14 200 ON JUN 5	2418 ON NOV 13	73 800 000	1977
1978	4 880 AT 11:40 MST ON JUN 8	4 880 ON JUN 8	2758 ON JAN 1	48 800 000	1978
1979	11 500 AT 17:40 MST ON JUL 8	11 800 ON JUL 8	2268 ON NOV 14	84 500 000	1979
1980	---	5 510 ON JUL 28	2508 ON MAR 21	85 500 000	1980
1981	9 530 AT 20:30 MST ON MAY 28	9 480 ON MAY 30	---	---	1981
1982	11 100 AT 18:07 MST ON MAY 20	11 000 ON MAY 20	---	---	1982
1983	8 880 AT 15:43 MST ON JUN 4	8 870 ON JUN 4	2108 ON MAR 22	47 400 000	1983
1984	9 010 AT 14:22 MST ON JUN 10	8 890 ON JUN 10	1828 ON JAN 19	87 200 000	1984
1985	7 140 AT 10:22 MST ON JUN 8	7 810 ON JUN 8	2318 ON MAR 4	80 000 000	1985
1986	9 [illegible]40 AT 00:00 MST ON JUL 6	8 880 ON JUL 6	2788 ON MAR 8	85 000 000	1986
1987	9 420 AT 04:49 MST ON JUN 25	9 320 ON JUN 25	3338 ON MAR 22	70 700 000	1987
1988	14 300 AT 18:[illegible] MST ON JUL 15	14 300 ON JUL 15 *	3448 ON APR 11	85 300 000	1988
				82 300 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

LIARD RIVER NEAR THE MOUTH - STATION NO. 10ED002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	8 440	5 880	4 140	2 140	1 830	886	840	---	1972
1973	480	384	367	808	4 840	9 350	5 490	2 900	2 930	1 820	851	692	3 510	1973
1974	375	322	321	448	5 520	8 880	7 230	5 870	2 770	2 270	781	558	2 770	1974
1975	584	488	411	598	3 230	7 030	7 340	4 490	2 380	1 810	834	598	3 480	1975
1976	504	444	418	687	4 880	7 720	8 130	5 810	3 700	1 880	1 010	807	3 070	1976
1977	800	801	684	748	4 510	11 000	8 640	4 280	2 520	1 780	883	371	2 870	1977
1978	417	378	387	382	2 680	6 030	3 820	2 820	2 820	1 710	817	358	1 770	1978
1979	337	351	378	433	3 380	8 480	7 880	3 820	2 840	1 780	480	380	3 840	1979
1980	385	385	318	448	2 550	5 180	5 070	3 280	2 710	2 020	1 030	880	2 080	1980
1981	559	444	424	418	5 630	7 040	3 710	2 050	2 380	1 580	804	871	3 180	1981
1982	541	422	401	384	5 220	6 720	3 350	2 350	1 780	1 080	498	587	1 980	1982
1983	484	363	281	488	3 780	5 880	3 300	2 780	1 780	1 080	841	405	1 770	1983
1984	300	317	340	588	2 680	7 180	5 680	3 710	3 300	1 700	818	554	2 280	1984
1985	458	388	338	401	4 880	6 570	8 170	3 820	3 800	2 350	808	555	2 480	1985
1986	488	428	314	381	3 880	6 030	7 870	3 630	2 260	3 230	878	678	2 830	1986
1987	828	455	402	828	3 520	7 740	8 340	5 480	3 380	2 800	1 200	858	2 770	1987
1988	722	634	548	785	8 880	9 470	10 300	4 740	2 830	2 180	1 100	778	3 480	1988
MEAN	489	424	392	528	4 270	7 820	6 180	3 840	2 720	1 840	744	582	2 480	MEAN

LOCATION - LAT 61 44 50 N DRAINAGE AREA, 277 000 km^2
LONG 121 13 25 W NATURAL FLOW

REMARKS - RECORDS ARE BEING REVIEWED

LIARD RIVER NEAR THE MOUTH - STATION NO. 10ED002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	13 800 AT 23:00 MST ON JUN 4	13 800 ON JUN 4	---	---	1972
1973	15 200 AT 01:00 MST ON JUN 21	15 000 ON JUN 20	3828 ON MAR 8	79 100 000	1973
1974	12 900 AT 17:00 MST ON JUL 21	12 900 ON JUL 21	3008 ON NOV 26	87 500 000	1974
1975	14 500 AT 14:00 MST ON JUL 2	14 500 ON JUL 2	3788 ON APR 4	77 600 000	1975
1976	---	11 100 ON JUL 6	3988 ON APR 9	87 000 000	1976
1977	16 200 AT 17:50 MST ON JUN 6 *	16 100R ON JUN 5 *	3568R ON NOV 15	80 500 000	1977
1978	8 120 AT 17:10 MST ON JUN 11	8 120 ON JUN 11	3268 ON NOV 10	55 700 000	1978
1979	13 300 AT 03:00 MST ON JUL 7	13 200 ON JUL 7	2808 ON NOV 17 *	80 300 000	1979
1980	7 130 AT 18:00 MST ON JUN 12	7 010 ON JUL 20	3108 ON MAR 21	85 500 000	1980
1981	11 800 AT 19:50 MST ON MAY 31	11 300 ON MAY 31	4108 ON APR 24	88 400 000	1981
1982	---	12 800A ON MAY 31	3848 ON NOV 17	81 600 000	1982
1983	8 400 AT 20:49 MST ON JUN 5	8 280 ON JUN 5	2818 ON APR 3	58 900 000	1983
1984	10 700 AT 12:18 MST ON JUN 12	10 600 ON JUN 12	2858 ON JAN 21	72 200 000	1984
1985	10 400 AT 14:01 MST ON JUN 9	10 300 ON JUN 9	3008 ON NOV 10	78 400 000	1985
1986	12 300 AT 13:45 MST ON JUL 5	12 300 ON JUL 5	3008 ON MAR 10	82 900 000	1986
1987	10 600 AT 09:35 MST ON JUN 5	10 600 ON JUN 5	3408 ON MAR 16	87 400 000	1987
1988	16 200 AT 17:34 MST ON JUL 16	16 000 ON JUL 16	4868 ON APR 12	109 000 000	1988
				78 100 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

LITTLE BUFFALO RIVER BELOW HIGHWAY NO. 5 - STATION NO. 07PB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	1.30	0.422	0.282	0.702	1.04	---	---	---	1965
1966	---	---	---	---	---	13.8	5.77	3.47	0.830	0.586	---	---	---	1966
1967	---	---	---	---	14.2	11.6	8.18	10.4	4.87	5.11	---	---	---	1967
1968	---	---	---	---	22.8	18.7	15.9	18.5	14.9	7.03	---	---	---	1968
1969	---	---	---	---	12.0	4.22	0.471	0.258	0.353	0.884	---	---	---	1969
1970	---	---	---	---	7.93	4.88	0.405	0.171	0.279	0.524	---	---	---	1970
1971	---	---	---	---	4.88	1.26	0.088	0.084	0.103	0.148	---	---	---	1971
1972	---	---	---	---	4.88	2.31	0.885	0.088	0.134	0.141	---	---	---	1972
1973	---	---	---	---	2.70	2.01	4.32	9.88	8.80	4.88	1.73	0.885	---	1973
1974	---	---	---	---	14.3	8.88	8.88	2.01	1.44	1.83	---	---	---	1974
1975	---	---	---	1.82	4.72	4.31	3.10	4.21	14.0	11.7	5.19	2.00	---	1975
1976	---	---	---	---	13.3	8.08	4.80	8.88	4.38	3.03	---	---	---	1976
1977	---	---	---	---	3.43	3.40	3.78	3.27	3.33	3.67	---	---	---	1977
1978	---	---	---	---	4.18	0.899	0.818	0.281	1.18	2.88	1.78	---	---	1978
1979	---	---	---	---	12.0 R	8.03	1.88	0.845	0.348	0.576	---	---	---	1979
1980	---	---	---	---	1.31	0.347	0.121	0.077	0.121	0.308	---	---	---	1980
1981	---	---	---	---	3.32	0.313	---	---	---	---	---	---	---	1981
1982	---	---	---	0.885	1.38	0.248	0.100	0.031R	0.151	0.188	0.118	---	---	1982
1983	---	---	---	2.05 R	3.58	1.81 R	0.844R	0.204R	0.127R	0.346R	0.301	---	---	1983
1984	---	---	---	1.72	0.728	8.18	3.82	0.788	1.80	3.82	2.24	1.08	---	1984
1985	0.828	0.828	0.881	3.70	27.3	8.78	1.82	0.708	0.787	---	0.885	0.813	---	1985
1986	---	---	---	1.83	---	---	7.45	5.78	4.84	4.22	---	---	---	1986
1987	---	---	---	8.88	18.4	8.77	3.83	2.10	1.42	1.28	1.07	---	---	1987
1988	---	---	---	2.78	8.01	8.82	7.83	5.23	3.32	2.58	1.85	0.848	---	1988
MEAN	0.828	0.828	0.881	2.81 R	8.83 R	5.38 R	3.40 R	3.18 R	2.84 R	2.57 R	1.87	1.04	---	MEAN

LOCATION - LAT 60 03 01 N, LONG 112 41 52 W
DRAINAGE AREA, 3 330 km^2, NATURAL FLOW
R - REVISED SINCE JAN 01 1987

REMARKS - HIGHER MAXIMUM DISCHARGES ARE KNOW TO HAVE OCCURRED OUTSIDE THE STANDARD PERIOD.

LITTLE BUFFALO RIVER BELOW HIGHWAY NO. 5 - STATION NO. 07PB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	43.6 A ON MAY 13 *	---	---	1966
1967	---	17.1 B ON MAY 11	---	---	1967
1968	---	31.4 B ON MAY 6	---	---	1968
1969	---	17.7 A ON APR 28	---	---	1969
1970	---	13.1 B ON APR 28	---	---	1970
1971	---	8.778 ON APR 20	---	---	1971
1972	---	8.888 ON MAY 4	0 B ON APR 27 *	---	1972
1973	11.6 AT 12:00 MST ON AUG 5	11.6 ON AUG 5	---	---	1973
1974	---	16.9 E ON MAY 1	0 B ON MAR 21	---	1974
1975	19.3 AT 17:00 MST ON AUG 21	16.0 ON AUG 21	0 B ON APR 1	---	1975
1976	---	37.7 B ON APR 22	---	---	1976
1977	---	8.308 ON APR 20	---	---	1977
1978	---	9.976 ON MAY 5	0 B ON APR 24	---	1978
1979	---	30.8 ON MAY 16	0 B ON APR 24	---	1979
1980	---	8.632 ON APR 26	---	---	1980
1981	---	8.506 ON MAY 3	---	---	1981
1982	---	2.198 ON APR 24	---	---	1982
1983	---	8.888 ON APR 27	---	---	1983
1984	8.08 AT 07:20 MST ON JUN 6	7.97 ON JUN 6	---	---	1984
1985	---	40.0 B ON APR 28	0.308 ON AUG 3	---	1985
1986	---	16.5 ON MAY 4	---	---	1986
1987	31.0 AT 08:17 MST ON MAY 2 *	---	---	---	1987
1988	---	---	---	---	1988
				---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LOCKHART RIVER AT OUTLET OF ARTILLERY LAKE - STATION NO. 07RD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1944	---	---	---	---	---	---	---	180	166	---	---	---	---	1944
1945	---	---	---	---	---	---	---	122	126	123	120	116	---	1945
1946	108	99.3	87.8	81.2	81.8	90.3	99.5	101	99.0	96.1	93.0	86.4	93.8	1946
1947	81.6	73.3	67.4	64.3	64.3	78.0	98.8	121	126	113	122	120	84.2	1947
1948	110	96.7	86.2	76.5	79.9	96.6	134	143	157	184	184	168	122	1948
1949	146	124	107	98.7	96.0	107	146	166	169	---	---	---	---	1949
1950	---	---	---	---	81.2	107	138	176	206	238	227	210	---	1950
1951	194	167	134	120	117	152	184	205	199	176	184	138	160	1951
1952	120	102	88.3	81.5	76.2	95.6	140	184	182	---	---	---	---	1952
1953	---	---	---	---	85.0	118	138	149	181	152	---	---	---	1953
1954	110	---	86.7	78.1	71.9	84.2	118	---	168	183	161	131	---	1954
1955	119	103	83.2	81.0	84.5	106	136	159	177	168	164	176	136	1955
1956	162	129	114	102	96.7	101	118	145	161	159	153	144	131	1956
1970	134	133	108	93.7	97.9	112	123	140	154	160	156	147	128	1970
1971	133	119	107	95.5	107	126	152	164	168	166	156	146	137	1971
1972	126	126	108	89.2	83.9	107	127	146	144	130	119	108	118	1972
1973	96.3	88.5	78.0	73.8	78.6	103	114	117	122	123	119	114	102	1973
1974	103	89.9	77.5	69.7	68.3	78.6	98.0	118	122	117	117	114	97.6	1974
1975	110	102	93.4	83.7	97.8	125	167	182	180	146	130	121	123	1975
1976	109	95.9	81.1	74.5	84.6	96.4	110	115	112	104	98.1	92.7	96.0	1976
1977	83.5	76.4	68.1	63.1	70.0	107	142	159	156	144	132	121	110	1977
1978	108	94.5	83.4	74.4	89.0	93.5	118	131	130	122	117	107	104	1978
1979	97.8	87.7	78.7	72.1	70.3	110	130	143	142	128	118	111	108	1979
1980	98.9	87.6	74.4	66.8	72.2	78.5	78.1	78.1	73.1	67.4	60.7	57.0	74.1	1980
1981	55.3	51.2	46.1	45.0	48.2	71.6	91.3	108	107	99.3	90.5	86.4	76.2	1981
1982	77.8	70.0	63.0	56.5	---	---	86.8	94.4	100	88.1	83.3	83.4	---	1982
1983	78.2	69.8	63.5	57.2	63.2	85.3	99.5	118	148	138	107	108	102	1983
1984	140	126	112	98.3	97.6	122	143	160	167	152	142	134	132	1984
1985	122	110	96.5	88.2	97.8	137	183	191	189	175	161	149	140	1985
1986	134	118	105	96.3	94.6	143	187	210	201	178	158	142	147	1986
1987	128	111	99.6	89.4	84.6	115	149	186	179	164	150	142	131	1987
1988	130	115	99.1	86.9	75.6	119	170	206	215	212	189	174	150	1988
MEAN	114	102	88.8	81.2	82.1	105	129	147	152	145	137	126	117	MEAN

LOCATION - LAT 62 53 48 N
LONG 106 26 17 W
DRAINAGE AREA, 28 600 km^2
NATURAL FLOW

LOCKHART RIVER AT OUTLET OF ARTILLERY LAKE - STATION NO. 07RD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1944	---	---	---	---	1944
1945	---	125E ON AUG 16	---	---	1945
1946	---	112E ON JAN 1	80.7E ON APR 11	2 980 000	1946
1947	---	127E ON SEP 2	82.0E ON MAY 1	2 970 000	1947
1948	---	185E ON OCT 11	74.5E ON APR 11	3 850 000	1948
1949	---	187E ON AUG 11	84.0E ON MAY 1	---	1949
1963	---	246 ON OCT 18 *	77.9 ON MAY 11	---	1963
1964	---	214 ON SEP 5	112 ON MAY 13	5 050 000	1964
1965	---	169 ON AUG 21	73.1 ON MAY 21	---	1965
1966	---	186 ON SEP 18	76.7 ON MAY 11	---	1966
1967	---	182 ON SEP 18	88.5 ON MAY 24	---	1967
1968	---	191 ON OCT 15	82.4 ON MAY 31	4 280 000	1968
1969	---	188 ON NOV 8	92.3 ON MAY 28	4 140 000	1968
1970	---	168 ON OCT 1	90.0E ON APR 28	4 070 000	1970
1971	---	177 ON SEP 14	91.8 ON APR 27	4 340 000	1971
1972	158 ON SEP 4	156 ON SEP 4	81.3 ON MAY 20	3 750 000	1972
1973	140 AT 08:00 ON AUG 18	132 ON SEP 4	69.4 ON MAY 3	3 230 000	1973
1974	---	128 ON AUG 25	85.1E ON MAY 4	3 080 000	1974
1975	180 AT 21:00 MST ON AUG 30	173 ON AUG 30	80.1 ON APR 28	3 880 000	1975
1976	---	121 ON AUG 20	72.5E ON APR 5	3 100 000	1976
1977	---	185E ON AUG 25	88.7 ON MAY 6	3 480 000	1977
1978	138 AT 11:20 MST ON OCT 4	135 ON AUG 30	87.1 ON MAY 12	3 290 000	1978
1979	151 AT 08:48 MST ON AUG 18	149 ON AUG 18	86.6 ON MAY 18	3 390 000	1979
1980	---	108 ON JAN 1	86.5E ON DEC 11	2 350 000	1980
1981	---	118 ON AUG 28	43.0 ON APR 30 *	2 370 000	1981
1982	125 AT 18:15 MST ON SEP 11	119 ON SEP 11	---	---	1982
1983	178 AT 21:28 MST ON OCT 15	176 ON OCT 15	82.2E ON MAY 28	3 230 000	1983
1984	182 AT 08:41 MST ON AUG 28	180 ON AUG 28	91.7 ON MAY 12	4 180 000	1984
1985	203 AT 20:39 MST ON SEP 17	200 ON AUG 25	83.8 ON MAY 8	4 430 000	1985
1986	226 AT 13:39 MST ON AUG 15 *	222 ON AUG 15	89.6 ON MAY 11	4 640 000	1986
1987	192 AT 14:23 MST ON SEP 6	185 ON SEP 8	82.3 ON MAY 23	4 140 000	1987
1988	226 AT 02:21 MST ON SEP 24	223 ON SEP 24	73.2 ON MAY 28	4 740 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 710 000	MEAN

E - ESTIMATED

LORILLARD RIVER ABOVE DALY BAY - STATION NO. 060A001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.310	0.182	0.053	0	0.073	18.7	369	88.2	44.8	20.1	6.58	0.703	80.7	1978
1979	0	0	0	0	0	168	120	48.4	---	---	---	---	---	1979
1980	0	0	0	0	0	98.2	---	---	355	58.4	13.6	0.254	---	1980
1981	---	---	0	0	0	240	237	80.8	80.8	58.4	---	---	98.6	1981
1982	---	---	0	0	0	772	598	82.0	23.7	12.4	0.883	0	208	1982
1983	0	0	0	0	0	885	380	243	169	38.9	0.783	0	215	1983
1984	0	0	0	0	0	451	233	102	131	32.8	9.88	0.236	135	1984
1987	---	---	---	0	0	157	512	288	109	38.0	3.25	0.088	173	1987
1988	1.00	1.00	1.00	1.00	1.01	280	157	117	172	39.8	5.31	1.77	108	1988
MEAN	0.218	0.187	0.132	0.111	0.120	317	341	128	138	36.7	5.72	0.437	145	MEAN

LOCATION - LAT 64 17 38 N DRAINAGE AREA, 11 000 km^2
LONG 90 28 45 W NATURAL FLOW

LORILLARD RIVER ABOVE DALY BAY - STATION NO. 060A001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	682E ON JUL 8	0 B ON APR 1 *	1 490 000	1978
1979	---	---	0 B ON APR 1	---	1979
1980	---	948 ON JUL 1	0 B ON APR 1	---	1980
1981	---	948 ON JUN 25	0 B ON APR 1	1 780 000	1981
1982	---	3 700E ON JUN 26 *	0 B ON APR 1	3 880 000	1982
1983	---	3 300E ON JUN 25	0 B ON APR 1	3 950 000	1983
1984	---	1 220A ON JUN 23	0 B ON APR 1	2 500 000	1984
1987	---	1 950 ON JUL 1	0 B ON APR 1	3 200 000	1987
1988	---	701 ON JUN 27	1.00B ON APR 1	2 020 000	1988
				2 690 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAC CREEK NEAR THE MOUTH - STATION NO. 10EB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.185	0.150	0.150	0.168	2.52	11.8	11.2	3.75	1.84	2.58	0.933	0.478	2.88	1978
1979	0.185	0.091	0.084	0.181	2.89	20.5	10.8	3.30	1.85	2.13	0.703	0.331	3.84	1979
1980	0.254	0.231	0.207	0.182	4.75	11.6	5.07	4.79	4.89	3.00	1.08	0.590	3.14	1980
1981	0.271	0.180	0.181	0.145	10.2	10.4	5.97	2.77	3.89	2.18	1.32	0.371	3.26	1981
1982	0.181	0.111	0.100	0.101	1.75	13.5	4.32	2.81	2.30	1.84	0.720	0.456	2.34	1982
1983	0.295	0.213	0.182	0.203	5.83	18.4	5.03	4.85	2.81	0.881	0.388	0.215	3.42	1983
1984	0.114	0.114	0.180	0.148	3.98	15.1	7.28	5.49	2.80	0.810	0.388	0.232	3.13	1984
1985	0.184	0.108	0.082	0.028	2.02	10.1	11.3	4.46	3.15	1.12	0.413	0.285	2.78	1985
1986	0.208	0.125	0.088	0.038	2.17	15.8	16.4	4.46	2.22	1.18	0.588	0.226	3.84	1986
1987	0.108	0.138	0.137	0.238	4.11	12.6	9.30	5.04	5.21	2.78	0.929	0.585	3.44	1987
1988	0.333	0.185	0.117	0.288	7.81	15.8	8.85	4.05	5.29	3.88	1.51	0.788	4.02	1988
MEAN	0.203	0.148	0.128	0.155	4.41	14.2	8.83	4.21	3.27	2.04	0.818	0.412	3.24	MEAN

LOCATION - LAT 62 12 43 N DRAINAGE AREA, 218 km²
LONG 128 45 53 W NATURAL FLOW

REMARKS - FLOWS ABOVE 25 m³/s WERE ESTIMATED AND SHOULD BE USED WITH DISCRETION

MAC CREEK NEAR THE MOUTH - STATION NO. 10EB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	44.5E AT 13:00 MST ON JUL 2	34.6E ON JUL 2	0.150B ON FEB 1	84 000	1978
1979	28.8E AT 01:00 MST ON JUN 24	25.6E ON JUN 24	0.040B ON FEB 20	112 000	1979
1980	47.0E AT 00:30 MST ON JUN 10	27.4E ON JUN 9	0.150B ON APR 25	99 300	1980
1981	37.9E AT 00:05 MST ON MAY 27	28.1E ON MAY 28	0.137B ON MAY 1	102 000	1981
1982	33.9E AT 02:46 MST ON JUN 20	25.1E ON JUN 14	0.100RB ON MAR 5	73 800	1982
1983	64.1E AT 11:30 MST ON MAY 31 *	54.3E ON MAY 31 *	0.150B ON DEC 29	104 000	1983
1984	42.9E AT 00:41 MST ON JUN 10	31.1E ON JUN 10	0.081B ON JAN 29	98 700	1984
1985	---	27.0RE ON JUL 2	0.020B ON APR 18 *	87 700	1985
1986	68.3E AT 01:55 MST ON JUL 2	49.0E ON JUL 2	0.025B ON APR 22	115 000	1986
1987	45.5 AT 04:11 MST ON JUN 23	33.6 ON JUN 23	0.081B ON JAN 16	108 000	1987
1988	49.8 AT 06:56 MST ON JUN 8	41.9 ON JUN 9	0.078B ON MAR 24	127 000	1988
				102 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 01 1987

MACKENZIE RIVER (AKLAVIK CHANNEL) ABOVE SCHOONER CHANNEL - STATION NO. 10MC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	932	886	784	447	288	230	184	---	1974
1975	147	118	89.0	73.2	404	1 080	888	857	434	345	148	111	347	1975
1976	117	76.5	68.4	84.2	825	919	740	589	483	288	148	105	384	1976
MEAN	132	98.3	78.7	83.7	615	970	702	647	456	293	176	133	361	MEAN

LOCATION - LAT 68 15 10 N
LONG 134 48 00 W REGULATED SINCE 1986

MACKENZIE RIVER (AKLAVIK CHANNEL) ABOVE SCHOONER CHANNEL - STATION NO. 10MC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	---	---	---	1974
1975	---	1 420E ON JUN 4 *	84.0B ON APR 14 *	10 800 000	1975
1976	---	1 300B ON JUN 8	88.0B ON MAR 4	11 200 000	1976
				11 100 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (EAST CHANNEL) AT INUVIK - STATION NO. 10LC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	40.4	35.2	11.1	19.1	---	---	---	225	194	105	86.2	29.8	---	1973
1974	26.9	17.6	8.06	8.76	197	536	344	406	181	118	116	54.0	170	1974
1975	34.1	31.3	28.7	27.6	291	583	334	214	146	86.8	35.4	25.7	154	1975
1976	23.8	20.2	16.7	16.5	364	448	364	271	223	103	34.0	22.8	189	1976
1977	18.0	18.4	18.3	17.3	110	537	301	205	130	88.4	86.1	23.4	128	1977
1978	13.2	11.5	9.37	7.18	88.0	434	257	177	131	78.7	35.2	26.1	104	1978
1979	18.7	11.2	8.28	9.37	171	470	376	232	142	88.3	47.0	21.3	134	1979
1980	2.87	5.99	2.68	0.480	184	384	189	187	128	74.8	25.0	10.0	84.5	1980
1981	11.7	8.85	7.85	9.52	373	362	231	178	124	85.4	19.1	16.3	120	1981
1982	17.1	14.9	8.04	5.10	102	593	264	208	128	101	42.1	24.0	125	1982
1983	27.3	21.0	11.8	8.44	171	574	244	189	163	82.9	33.4	18.5	127	1983
1984	8.78	5.02	4.42	4.78	198	330	317	268	168	99.3	34.3	31.6	124	1984
1985	30.1	23.0	15.8	16.1	86.3	530	328	192	169	111	35.5	28.7	131	1985
1986	35.4	26.0	20.5	22.0	86.5	628	355	275	188	91.3	36.8	31.7	148	1986
1987	20.5	16.5	16.1	17.6	82.3	378	234	216	185	108	55.0	21.0	114	1987
1988	32.8	27.8	21.3	19.8	107	457	487	304	217	115	58.9	48.2	158	1988
MEAN	22.6	18.4	13.1	13.0	172	481	308	233	164	96.8	46.7	27.0	133	MEAN

LOCATION - LAT 68 22 33 N
LONG 133 45 46 W REGULATED SINCE 1968

MACKENZIE RIVER (EAST CHANNEL) AT INUVIK - STATION NO. 10LC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	889 ON JUN 6 *	889 ON JUN 6	6.80 B ON MAR 12	5 350 000	1974
1975	---	9230 ON JUN 3	23.8 B ON NOV 16	4 840 000	1975
1976	---	7080 ON MAY 29	12.4 B ON APR 31	5 010 000	1976
1977	---	7830 ON MAY 31	16.1 B ON DEC 31	4 040 000	1977
1978	---	6030 ON JUN 8	8.37 B ON APR 7	3 280 000	1978
1979	---	6070 ON MAY 31	0.7888 ON DEC 31	4 210 000	1979
1980	---	5700 ON JUN 4	0 B ON JAN 4 *	2 880 000	1980
1981	---	6900 ON MAY 24	7.88 B ON MAR 3	3 780 000	1981
1982	---	6400 ON JUN 3	4.80 B ON APR 18	3 840 000	1982
1983	---	6780 ON JUN 8	5.62 B ON APR 30	4 010 000	1983
1984	---	6500 ON MAY 29	4.40 B ON MAR 10	3 830 000	1984
1985	---	9100 ON JUN 2	14.8 B ON MAR 30	4 130 000	1985
1986	---	9380 ON JUN 6 *	20.0 B ON MAR 18	4 890 000	1986
1987	---	546 ON JUN 11	15.6 B ON DEC 15	3 800 000	1987
1988	---	6300 ON JUN 3	18.8 B ON APR 4	5 020 000	1988
				4 190 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (KALINEK CHANNEL) ABOVE ONIAK CHANNEL - STATION NO. 10LC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	1 150	720	833	394	226	128	88.1	---	1974
1975	40.4	35.9	35.1	55.5	382	1 020	582	371	236	134	49.4	34.8	248	1975
MEAN	40.4	35.9	35.1	55.5	382	1 090	841	802	316	180	88.7	60.5	248	MEAN

LOCATION - LAT 68 23 50 N
LONG 133 58 00 W REGULATED SINCE 1988

MACKENZIE RIVER (KALINEK CHANNEL) ABOVE ONIAK CHANNEL - STATION NO. 10LC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	1 780 ON JUN 4 *	31.78 ON NOV 16 *	7 850 000	1975
				7 850 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER (MIDDLE CHANNEL) ABOVE NAPOIAK CHANNEL - STATION NO. 10LC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	18 100	17 700	18 700	14 000	10 700	8 370	5 780	---	1974
1975	4 550	4 080	3 830	3 280	13 200	22 700	16 000	12 200	10 400	8 490	3 800	3 430	8 780	1975
1976	3 800	3 800	3 400	3 240	16 100	18 200	17 000	12 400	12 500	7 630	4 220	2 180	8 700	1976
MEAN	4 080	3 850	3 520	3 250	14 700	20 000	16 600	14 400	12 300	8 840	5 800	3 800	8 730	MEAN

LOCATION - LAT 68 26 00 N
LONG 134 06 50 W REGULATED SINCE 1968

MACKENZIE RIVER (MIDDLE CHANNEL) ABOVE NAPOIAK CHANNEL - STATION NO. 10LC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	31 400E ON JUN 3 *	2 840B ON NOV 20	278 000 000	1975
1976	---	31 400B ON MAY 28	1 930B ON DEC 21 *	278 000 000	1976
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		278 000 000	MEAN

MACKENZIE RIVER (PEEL CHANNEL) ABOVE AKLAVIK - STATION NO. 10MC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	1 730	958	1 200	887	387	283	183	---	1974
1975	113	70.1	80.1	120	1 080	2 010	1 000	700	805	438	172	148	548	1975
1976	120	104	88.5	110	841	1 770	844	688	531	334	218	189	484	1976
1977	131	115	108	89.2	---	---	---	---	520	382	186	118	---	1977
MEAN	121	96.4	94.9	110	951	1 840	933	856	581	375	207	154	515	MEAN

LOCATION - LAT 68 12 50 N
LONG 135 05 50 W REGULATED SINCE 1968

MACKENZIE RIVER (PEEL CHANNEL) ABOVE AKLAVIK - STATION NO. 10MC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	3 000 AT 15:00 MST ON JU[illegible] 5 *	2 940 ON JUN 5	---	---	1974
1975	---	3 450B ON JUN 2 *	88.4B ON FEB 7 *	17 200 000	1975
1976	---	3 110E ON JUN 8	90.6B ON APR 15	15 300 000	1976
1977	---	---	---	---	1977
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		15 300 000	MEAN

MACKENZIE RIVER (WEST CHANNEL) BELOW AKLAVIK CHANNEL - STATION NO. 10MC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	2 380	1 720	2 070	1 180	837	483	358	---	1974
1975	288	209	213	288	2 130	3 630	1 870	1 170	980	711	303	234	883	1975
MEAN	288	209	213	288	2 130	3 000	1 700	1 620	1 080	674	383	298	883	MEAN

LOCATION - LAT 68 15 30 N
LONG 135 03 00 W REGULATED SINCE 1968

MACKENZIE RIVER (WEST CHANNEL) BELOW AKLAVIK CHANNEL - STATION NO. 10MC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	6 910B AT 05:30 MST ON MAY 31 *	6 680 ON JUN 2 *	204B ON FEB 18 *	31 000 000	1975
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		31 000 000	MEAN

MACKENZIE RIVER AT ARCTIC RED RIVER - STATION NO. 10LC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	12 000	8 860	5 590	4 380	---	1972
1973	4 010	3 880	3 780	3 700	15 100	23 000	18 400	14 300	13 400	10 800	8 150	5 870	10 000	1973
1974	3 750	3 350	2 850	3 350	13 000	20 800	20 700	21 800	13 500	11 200	8 210	4 740	10 700	1974
1975	4 720	4 410	4 280	4 280	16 800	23 000	18 700	14 200	11 200	8 730	4 530	4 200	10 300	1975
1976	3 880	3 820	3 380	3 350	18 800	19 100	20 400	16 400	13 700	9 780	5 340	2 550	8 950	1976
1977	3 680	3 280	3 100	3 370	12 700	23 900	17 800	14 200	10 800	8 880	4 580	3 710	8 170	1977
1978	3 750	3 460	3 480	3 820	8 820	21 700	15 800	12 100	10 300	8 780	3 840	3 290	8 100	1978
1979	3 630	3 470	2 870	2 720	10 100	21 800	22 100	14 800	11 400	8 300	4 890	2 820	8 170	1979
1980	2 940	2 870	2 700	2 650	13 800	18 000	12 800	12 200	8 180	8 100	4 720	2 130	7 800	1980
1981	2 950	2 810	2 480	2 180	14 800	21 600	13 500	9 840	8 120	7 270	4 730	2 380	7 740	1981
1982	2 470	2 840	2 550	2 350	7 210	24 600	13 800	13 000	10 400	8 400	4 040	3 500	7 840	1982
1983	3 410	3 200	2 820	2 780	10 200	22 100	13 400	8 440	8 840	8 520	5 480	3 040	7 780	1983
1984	3 480	3 370	3 120	3 500	12 000	17 200	18 800	14 800	13 100	8 590	3 370	4 320	8 880	1984
1985	4 010R	3 840R	3 380R	3 420R	14 100R	20 700R	19 400R	14 300R	12 500R	9 320R	3 880R	3 880R	8 410R	1985
1986	4 240	3 840	3 280	2 780	10 300	23 400	20 400	15 800	10 900	10 100	4 870	4 080	8 540	1986
1987	4 170	3 710	3 620	3 810	12 500	17 900	15 700	13 700	11 500	8 850	5 010	3 180	8 680	1987
1988	4 000	3 880	3 780	3 970	13 800	21 000	26 000	18 800	14 000	9 340	5 040	4 330	10 800	1988
MEAN	3 880R	3 480R	3 220R	3 280R	12 800R	21 100R	18 000R	14 100R	11 400R	8 210R	4 930R	3 550R	8 080R	MEAN

LOCATION - LAT 67 27 30 N DRAINAGE AREA, 1 880 000 km²
LONG 133 44 41 W REGULATED SINCE 1988

R - REVISED SINCE JAN 01 1987

REMARKS - STATION PREVIOUSLY LOCATED AT 10LA003. STATION RELOCATED IN 1985

MACKENZIE RIVER AT ARCTIC RED RIVER - STATION NO. 10LC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1972	---	---	---	---	1972
1973	28 800 AT 01:00 MST ON JUN 27	28 800R ON JUN 28	3 880B ON MAR 18	317 000 000B	1973
1974	---	30 300RE ON MAY 30	2 830RB ON MAR 24	337 000 000R	1974
1975	---	34 000B ON MAY 28 *	3 230RB ON NOV 21	328 000 000R	1975
1976	---	32 000RB ON MAY 24	2 240B ON DEC 19	318 000 000B	1976
1977	28 200 AT 08:00 MST ON JUN 12	28 200R ON JUN 12	2 530RB ON NOV 28	288 000 000R	1977
1978	---	26 300RB ON JUN 5	3 230RB ON DEC 17	285 000 000R	1978
1979	---	28 800E ON MAY 31	2 230B ON DEC 25	288 000 000B	1979
1980	---	26 400RB ON MAY 29	1 880RB ON DEC 2 *	240 000 000R	1980
1981	---	26 300RB ON MAY 24	2 040B ON APR 28	244 000 000B	1981
1982	---	28 800B ON JUN 4	2 170B ON JAN 1	251 000 000B	1982
1983	---	28 000RB ON JUN 2	2 780RB ON APR 6	245 000 000R	1983
1984	22 100 AT 20:31 MST ON JUN 18	22 100 ON JUN 19	2 150RB ON NOV 15	280 000 000R	1984
1985	---	32 800RB ON MAY 23	2 710RB ON NOV 26	287 000 000R	1985
1986	---	31 800B ON JUN 2	2 130B ON NOV 24	301 000 000B	1986
1987	---	21 800 ON JUN 8	2 100B ON DEC 11	274 000 000B	1987
1988	32 200 AT 20:38 MST ON JUL 8 *	32 100 ON JUL 8	3 840B ON NOV 30	332 000 000B	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		287 000 000R	MEAN

MACKENZIE RIVER AT FORT SIMPSON - STATION NO. 10GC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	---	---	---	---	---	8 070	7 810	5 880	---	---	---	1938
1939	---	---	---	---	---	10 700	10 900	8 830	7 800	---	---	---	---	1939
1940	---	---	---	---	---	12 300	13 500	9 550	7 780	---	---	---	---	1940
1941	---	---	---	---	---	17 100	15 100	10 800	---	---	---	---	---	1941
1942	---	---	---	---	---	15 500	14 900	12 700	11 900	10 100	---	---	---	1942
1943	---	---	---	---	---	9 810	12 900	5 270	3 040	2 810	---	---	---	1943
1944	---	---	---	---	---	10 900	9 430	8 370	6 710	6 400	---	---	---	1944
1945	---	---	---	---	---	11 500	9 730	7 310	5 840	---	---	---	---	1945
1946	---	---	---	---	---	10 000	9 520	7 870	6 480	---	---	---	---	1946
1947	---	---	---	---	---	---	11 700	9 130	8 080	---	---	---	---	1947
1948	---	---	---	---	---	---	10 800	8 880	8 180	---	---	---	---	1948
1949	---	---	---	---	---	---	---	11 300	8 700	---	---	---	---	1949
1950	---	---	---	---	---	15 400	15 700	15 800	14 900	---	---	---	---	1950
1951	---	---	---	---	---	---	10 200	7 800	6 280	---	---	---	---	1951
1952	---	---	---	---	---	---	11 800	8 730	6 380	---	---	---	---	1952
1953	---	---	---	---	---	---	11 700	9 040	6 080	---	---	---	---	1953
1954	---	---	---	---	---	11 800	10 500	9 880	6 390	---	---	---	---	1954
1955	---	---	---	---	---	---	15 300	11 000	8 180	---	---	---	---	1955
1956	---	---	---	---	---	---	13 700	8 810	7 880	---	---	---	---	1956
1957	---	---	---	---	---	---	14 800	11 900	8 870	---	---	---	---	1957
1958	---	---	---	---	---	---	10 400	8 500	7 760	---	---	---	---	1958
1959	---	---	---	---	---	12 500	10 800	10 100	8 630	---	---	---	---	1959
1960	---	---	---	3 480	10 800	14 800	14 400	---	---	6 320	4 880	3 480	---	1960
1961	3 550	2 870	2 880	2 240	9 880	16 000	12 000	9 370	6 270	7 340	3 740	3 120	6 880	1961
1962	3 020	2 370	2 050	3 020	11 000	---	---	---	---	---	---	---	---	1962
1963	---	---	---	---	---	---	---	---	11 400	---	---	---	---	1963
1964	---	---	---	---	---	---	13 200	12 300	10 700	9 230	---	---	---	1964
1965	3 210	2 850	2 280	2 490	8 320	14 100	13 000	10 400	9 380	8 510	5 780	3 480	7 080	1965
1966	2 850	2 780	2 850	2 870	6 880	13 300	13 600	10 800	8 980	8 190	5 380	3 810	6 820	1966
1967	3 390	2 840	2 430	2 520	7 080	15 200	13 100	10 800	8 640	7 870	5 500	2 840	6 830	1967
1968	2 390	2 200	2 070	2 380	10 100	13 300	13 700	10 300	8 410	6 920	4 150	2 770	6 650	1968
1969	2 150	1 820	1 590	2 850	10 500	11 300	9 580	8 420	7 990	6 180	4 020	2 810	6 780	1969
1970	2 270	2 070	2 020	2 390	7 730	12 700	9 700	8 380	7 180	6 870	3 870	2 500	5 840	1970
1971	2 080	1 870	1 820	2 080	12 300	14 000	11 100	7 870	7 080	5 880	3 430	2 720	6 010	1971
1972	2 280	1 880	1 840	1 880	7 380	15 300	12 800	10 500	7 820	6 810	3 940	2 840	6 240	1972
1973	2 880	2 730	2 710	3 150	11 800	16 400	12 700	9 650	9 830	7 840	4 390	2 740	7 220	1973
1974	2 280	2 110	2 320	3 230	12 200	14 800	15 100	12 900	9 530	8 390	4 080	3 020	7 510	1974
1975	3 850	3 530	3 380	3 880	10 800	14 800	14 500	10 800	7 880	7 080	2 780	2 810	7 180	1975
1976	3 070	2 820	2 810	3 880	12 000	15 400	16 300	12 800	10 700	8 220	5 370	2 830	8 010	1976
1977	2 780	2 880	2 890	3 320	11 200	16 100	13 800	11 300	8 910	7 850	4 100	2 780	7 480	1977
1978	2 820	2 810	2 730	2 810	7 280	12 100	10 200	8 410	7 740	6 890	4 180	2 880	5 820	1978
1979	2 420	2 170	2 370	2 880	7 280	15 800	15 700	10 800	8 720	7 020	5 790	2 430	6 830	1979
1980	2 480	2 280	2 110	2 570	7 890	10 800	9 880	7 390	6 720	6 990	3 810	2 170	5 410	1980
1981	2 230	2 000	1 800	1 880	11 300	13 100	9 000	6 880	6 800	5 820	3 780	2 370	5 580	1981
1982	2 100	2 000	1 880	2 000	11 400	13 100	9 800	7 850	7 070	6 380	4 200	2 780	5 880	1982
1983	2 370	2 180	2 170	2 400	10 100	12 800	9 420	8 880	7 470	6 710	5 890	2 930	6 120	1983
1984	2 110	1 870	2 130	2 820	7 740	13 200	12 300	9 540	8 880	8 910	4 390	3 880	6 270	1984
1985	3 480	3 020	2 840	3 820	10 800	14 800	13 800	10 300	9 500	7 780	4 340	3 010	7 310	1985
1986	2 780	2 570	2 440	2 470	8 240	15 000	15 500	9 870	7 880	6 080	3 870	3 540	6 850	1986
1987	3 100	2 880	3 190	3 800	8 210	14 400	12 700	11 200	8 820	7 850	4 330	2 880	7 010	1987
1988	2 830	2 240	2 170	2 850	12 400	15 800	15 000	12 800	9 780	8 330	4 800	3 880	8 020	1988
MEAN	2 720	2 430	2 350	2 770	8 830	14 000	12 800	9 840	8 380	7 230	4 390	2 940	6 670	MEAN

LOCATION - LAT 61 52 07 N
LONG 121 21 25 W

DRAINAGE AREA, 1 270 000 km²
REGULATED SINCE 1968

MACKENZIE RIVER AT FORT SIMPSON - STATION NO. 10GC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	13 200 ON JUL 6	---	---	1939
1940	---	15 000 ON JUL 5	---	---	1940
1941	---	18 800 ON JUN 28	---	---	1941
1942	---	22 200 ON JUN 14	---	---	1942
1943	---	18 100 ON JUL 14	---	---	1943
1944	---	13 000 ON JUN 18	---	---	1944
1945	---	13 800 ON JUN 14	---	---	1945
1946	---	11 800 ON JUN 17	---	---	1946
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	18 400 ON JUN 27	---	---	1949
1950	---	21 800 ON JUN 22	---	---	1950
1951	---	12 500 ON JUL 6	---	---	1951
1952	---	15 000 ON JUL 3	---	---	1952
1953	---	14 100 ON JUL 28	---	---	1953
1954	---	---	---	---	1954
1955	---	18 700 ON JUL 5	---	---	1955
1956	---	17 500 ON JUL 17	---	---	1956
1957	---	17 100 ON JUL 3	---	---	1957
1958	---	12 600 ON JUN 10	---	---	1958
1959	---	14 100 ON JUN 9	---	---	1959
1960	---	18 500 ON JUN 27	---	---	1960
1961	---	23 500 ON MAY 30 *	2 040 ON APR 25	226 000 000	1961
1962	---	---	1 8908 ON MAR 22	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	18 400E ON JUN 10	2 240E ON MAR 15	223 000 000	1965
1966	---	14 800 ON JUN 21	2 610E ON MAR 16	215 000 000	1966
1967	---	17 000E ON JUN 3	2 180E ON APR 13	216 000 000	1967
1968	17 500 AT 13:00 MST ON JUL 17	17 500 ON JUL 17	2 050E ON APR 13	210 000 000	1968
1969	---	13 300E ON JUN 12	1 520E ON MAR 23	182 000 000	1969
1970	---	14 700 ON JUN 14	1 890E ON MAR 2	178 000 000	1970
1971	18 800 AT 17:30 MST ON JUN 21	18 800 ON JUN 21	1 800E ON MAR 3	188 000 000	1971
1972	18 000 AT 14:00 MST ON JUN 4	17 800 ON JUN 4	1 810E ON MAR 19	197 000 000	1972
1973	20 800 AT 02:00 MST ON JUN 21	20 600 ON JUN 21	2 850E ON DEC 31	228 000 000	1973
1974	20 400 AT 22:00 MST ON JUL 21	20 300 ON JUL 21	1 900E ON NOV 28	237 000 000	1974
1975	22 000 AT 14:00 MST ON JUL 2	21 800 ON JUL 2	1 870E ON NOV 25	228 000 000	1975
1976	---	16 400 ON JUL 8	2 280E ON DEC 15	253 000 000	1976
1977	23 000 AT 24:00 MST ON JUN 8 *	22 800 ON JUN 7	2 240E ON NOV 20	235 000 000	1977
1978	13 400 AT 05:40 MST ON JUN 12	13 400 ON JUN 11	2 270E ON NOV 30	167 000 000	1978
1979	20 600 AT 03:10 MST ON JUL 7	20 600 ON JUL 7	1 850E ON DEC 12	218 000 000	1979
1980	12 500 AT 05:50 MST ON JUN 13	12 500 ON JUN 13	1 800E ON NOV 24 *	171 000 000	1980
1981	16 700 AT 03:16 MST ON JUN 1	16 600 ON JUN 1	1 830E ON APR 21	178 000 000	1981
1982	20 800 AT 08:10 MST ON MAY 21	20 700 ON MAY 21	1 970E ON APR 2	188 000 000	1982
1983	15 400 AT 23:44 MST ON JUN 5	15 300 ON JUN 6	2 140E ON APR 6	183 000 000	1983
1984	16 800 AT 18:32 MST ON JUN 12	16 700 ON JUN 12	1 800E ON FEB 9	188 000 000	1984
1985	18 800 AT 15:44 MST ON JUN 9	18 500 ON JUN 8	2 300E ON NOV 24	231 000 000	1985
1986	20 300 AT 15:44 MST ON JUL 8	20 200 ON JUL 6	1 750E ON NOV 20	219 000 000	1986
1987	17 200 AT 12:13 MST ON JUN 5	17 200 ON JUN 5	2 320E ON DEC 2	221 000 000	1987
1988	22 300 AT 12:00 MST ON JUL 19	22 200 ON JUL 19	2 120E ON MAR 7	254 000 000	1988
				211 000 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER AT NORMAN WELLS - STATION NO. 10KA001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR JUN TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	---	10 800	12 800	---	---	7 470	---	---	---	1943
1944	---	---	---	---	---	---	12 800	11 500	8 880	---	---	---	---	1944
1945	---	---	---	---	---	11 800	10 300	8 010	8 880	8 480	---	---	8 840	1945
1946	---	---	---	---	---	10 000	8 540	8 820	---	---	---	---	---	1946
1947	---	---	---	---	---	18 700	15 300	11 700	10 400	9 000	---	---	13 200	1947
1948	---	---	---	---	---	14 800	14 800	11 400	12 300	---	---	---	---	1948
1949	---	---	---	---	---	18 800	19 000	18 800	---	---	---	---	---	1949
1950	---	---	---	---	---	13 700	12 800	11 700	---	---	---	---	---	1950
1951	---	---	---	---	---	14 800	16 100	11 700	---	---	---	---	---	1951
1952	---	---	---	---	---	---	18 300	---	---	---	---	---	---	1952
1953	---	---	---	---	---	12 800	14 200	11 300	9 680	---	---	---	---	1953
1954	---	---	---	---	---	17 200	14 800	13 800	11 400	---	---	---	---	1954
1955	---	---	---	---	---	---	19 100	14 400	10 100	---	---	---	---	1955
1981	---	---	---	---	---	---	---	---	10 600	9 870	7 810	8 000	---	1981
1982	4 350	3 000	2 810	---	---	---	---	---	---	13 400	10 000	8 820	---	1982
1983	8 880	4 780	4 080	3 780	---	---	21 100	15 100	13 700	11 800	---	---	---	1983
1984	---	---	---	---	---	---	17 700	14 200	13 800	---	---	---	---	1984
1985	---	---	---	---	---	15 800	16 200	12 700	11 100	10 500	10 000	9 280	13 400	1985
1986	6 810	3 970	3 440	3 480	7 380	17 800	17 100	13 700	11 000	9 700	4 730	3 930	13 800	1986
1987	4 000	3 770	3 450	3 080	9 380	20 100	17 000	13 000	10 800	9 280	6 420	2 700	14 000	1987
1988	2 770	2 750	2 810	3 110	12 200	17 300	17 800	11 900	10 800	7 730	5 230	2 630	13 100	1988
1989	2 280	2 130	2 180	2 830	12 400	15 100	13 300	12 100	10 500	8 380	5 080	3 000	11 800	1989
1970	2 480	2 410	2 380	2 510	8 880	17 800	14 800	11 800	8 330	8 010	4 880	3 220	12 300	1970
1971	2 700	2 850	2 400	2 480	14 800	17 800	15 400	10 800	8 130	7 840	4 880	3 380	12 200	1971
1972	2 880	2 590	2 480	2 430	11 300	22 000	18 800	15 100	10 800	8 440	4 780	3 780	14 800	1972
1973	3 540	3 420	3 280	3 300	14 800	20 200	16 400	12 700	12 200	8 130	4 870	3 700	14 100	1973
1974	3 480	3 020	2 820	2 920	12 800	19 200	16 800	15 100	12 800	10 500	8 810	4 590	15 800	1974
1975	4 510	3 920	3 880	3 710	18 500	19 800	16 500	13 800	10 800	9 370	4 140	4 100	14 400	1975
1976	3 520	3 110	2 920	3 830	14 300	16 400	20 200	15 800	13 000	9 780	6 120	2 880	15 400	1976
1977	3 040	2 840	2 880	3 800	14 000	22 000	16 800	13 800	10 800	8 880	4 550	3 840	14 300	1977
1978	3 820	3 400	3 230	3 400	13 000	15 800	14 200	11 400	8 340	7 810	3 980	2 890	11 700	1978
1979	3 090	2 830	2 820	3 040	10 200	19 600	15 700	13 800	11 100	9 010	6 330	2 250	14 800	1979
1980	---	---	---	---	---	13 200	12 800	11 000	8 880	8 830	---	---	10 800	1980
1981	---	---	---	---	---	18 400	12 300	9 010	8 290	7 930	7 720	6 080	10 800	1981
1982	2 430	2 340	2 250	2 430	13 100	16 500	12 800	12 300	10 100	8 630	6 530	3 240	12 800	1982
1983	3 050	3 000	2 880	3 170	10 300	18 300	12 700	12 100	9 800	7 980	4 440	2 740	12 200	1983
1984	2 880	2 840	2 770	3 470	10 000	15 300	16 800	12 800	11 300	8 480	3 280	3 880	12 700	1984
1985	4 050	4 020	3 700	3 840	15 000	18 400	17 000	12 100	11 000	8 280	3 280	3 800	13 300	1985
1986	3 380	3 220	3 020	3 040	12 800	18 200	16 700	13 800	10 400	8 880	4 120	4 150	14 400	1986
1987	3 740	3 850	3 580	3 700	12 700	16 800	14 800	13 100	10 800	8 100	4 220	3 230	12 800	1987
1988	3 780	3 850	3 810	4 140	14 300	19 100	24 700	16 100	12 800	8 880	4 830	4 180	16 100	1988
MEAN	3 800	3 180	3 020	3 240	12 400	17 000	15 800	12 700	10 700	8 010	5 510	4 120	13 200	MEAN

LOCATION - LAT 65 16 21 N
LONG 126 53 00 W

DRAINAGE AREA, 1 670 000 km²
REGULATED SINCE 1988

NORTHWEST TERRITORIES

MACKENZIE RIVER AT NORMAN WELLS - STATION NO. 10KA001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR JUN TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1943	---	17 600 ON JUL 18	---	---	1943
1944	---	17 900 ON JUN 17	---	---	1944
1945	---	14 200 ON JUN 17	---	114 000 000	1945
1946	---	---	---	---	1946
1947	---	24 700 ON JUN 20	---	174 000 000	1947
1948	---	---	---	---	1948
1949	---	23 400 ON AUG 17	---	---	1949
1950	---	18 000 ON JUN 23	---	---	1950
1951	---	18 200 ON JUL 10	---	---	1951
1952	---	21 800 ON JUL 5	---	---	1952
1953	---	18 800 ON JUL 21	---	---	1953
1954	---	---	---	---	1954
1955	---	23 300 ON JUL 2	---	---	1955
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	27 400 AT 00:30 MST ON JUL 17	27 200 ON JUL 17	---	---	1963
1964	---	---	---	---	1964
1965	---	19 300 ON JUN 19	---	178 000 000	1965
1966	---	20 800 ON JUN 20	6 270B ON OCT 31	163 000 000	1966
1967	---	22 500 ON JUN 4	6 010B ON OCT 31	185 000 000	1967
1968	---	25 000 ON JUN 30	6 510B ON OCT 31	173 000 000	1968
1969	---	17 400 ON JUN 17	6 710B ON OCT 31	157 000 000	1969
1970	21 500 AT 18:00 MST ON JUL 22	20 800 ON JUL 22	6 970B ON OCT 31	183 000 000	1970
1971	21 800 AT 13:00 MST ON JUN 24	21 500 ON JUN 24	7 080B ON OCT 31	162 000 000	1971
1972	26 100E ON JUL 25	25 500E ON JUL 25	7 180B ON OCT 31	187 000 000	1972
1973	25 000 AT 18:55 MST ON JUN 23	24 600 ON JUN 23	7 580B ON OCT 31	188 000 000	1973
1974	---	23 800 ON JUL 24	9 340B ON OCT 8	210 000 000	1974
1975	---	25 600 ON JUL 4	7 380B ON OCT 31	180 000 000	1975
1976	---	22 000 ON JUL 6	8 880B ON OCT 31	203 000 000	1976
1977	---	27 000 ON JUN 8	7 840 ON OCT 31	188 000 000	1977
1978	---	18 200 ON JUN 10	6 170B ON OCT 31	154 000 000	1978
1979	24 800 AT 20:00 MST ON JUL 9	24 800 ON JUL 9	8 410 ON OCT 31	183 000 000	1979
1980	---	15 800 ON JUL 23	7 730B ON OCT 31	145 000 000	1980
1981	---	20 700 ON JUN 3	7 370 ON OCT 20	142 000 000	1981
1982	---	21 300 ON JUN 18	7 890 ON OCT 20	185 000 000	1982
1983	---	23 000E ON JUN 1	8 100B ON OCT 31	161 000 000	1983
1984	19 800 AT 20:55 MST ON JUN 15	19 800 ON JUN 15	4 800B ON OCT 31	188 000 000	1984
1985	---	21 800 ON JUN 11	3 880B ON OCT 31 *	178 000 000	1985
1986	---	23 800 ON JUN 28	9 200B ON OCT 31	180 000 000	1986
1987	19 300 AT 23:41 MST ON JUN 7	18 200 ON JUN 8	7 760B ON OCT 31	189 000 000	1987
1988	33 700 AT 22:38 MST ON JUL 3 *	33 300 ON JUL 4 *	6 200B ON OCT 31	212 000 000	1988
				175 000 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MACKENZIE RIVER NEAR FORT PROVIDENCE - STATION NO. 10FB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	6 330	---	---	---	---	1981
1982	---	---	---	---	---	7 000	6 310	6 840	6 370	7 820	---	---	---	1982
1983	---	---	---	---	---	7 400	8 180	8 110	7 880	7 120	5 550	3 280	---	1983
1984	2 980	2 380	2 140	2 080	5 380	7 940	8 610	8 590	8 420	7 830	5 980	3 050	5 430	1984
1985	2 820	2 400	2 180	2 220	5 180	7 740	8 280	8 000	7 270	8 780	3 820	2 780	5 040	1985
1986	2 710	2 870	2 580	2 480	4 180	7 440	7 730	7 400	7 180	6 800	3 740	2 980	4 820	1986
1987	2 840	2 420	1 870	2 000	4 040	6 790	8 430	7 830	7 080	8 580	4 780	2 280	4 770	1987
1988	1 880	1 810	1 370	1 510	4 150	6 680	6 700	5 890	5 270	5 070	3 510	1 500	3 760	1988
1989	1 280	1 190	1 270	1 220	4 840	6 120	5 870	5 180	5 010	4 810	3 280	2 180	3 820	1989
1970	1 810	1 420	1 380	1 550	4 380	5 830	5 770	5 390	4 800	4 310	3 420	2 330	3 530	1970
1971	1 880	1 480	1 400	1 440	5 080	5 700	5 580	5 440	5 110	4 890	2 920	2 480	3 600	1971
1972	2 050	1 790	1 820	1 820	3 900	6 020	6 530	6 180	5 880	4 780	2 800	2 210	3 780	1972
1973	2 450	2 380	2 310	2 480	6 100	6 880	6 980	6 870	6 830	6 180	3 310	2 380	4 880	1973
1974	---	---	---	---	---	7 730	7 840	7 510	7 040	6 270	---	---	---	1974
1975	---	---	---	---	---	7 500	8 970	6 280	5 780	6 510	---	---	---	1975
1976	---	---	---	---	---	7 590	7 280	6 840	6 610	6 880	---	---	---	1976
1977	---	---	---	---	---	6 880	6 880	6 400	6 850	5 330	---	---	---	1977
1978	---	---	---	---	---	6 190	6 810	6 080	4 770	4 480	---	---	---	1978
MEAN	2 180	1 870	1 820	1 880	4 820	6 920	7 180	6 600	6 380	5 880	3 830	2 490	4 280	MEAN

LOCATION - LAT 61 15 04 N
LONG 117 28 48 W
DRAINAGE AREA, 971 000 km^2
REGULATED SINCE 1968

REMARKS - HIGHER MAXIMUM DISCHARGES ARE KNOW TO HAVE OCCURRED OUTSIDE THE STANDARD PERIOD.

MACKENZIE RIVER NEAR FORT PROVIDENCE - STATION NO. 10FB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	---	---	---	---	1982
1983	---	---	---	---	1983
1984	---	8 830 ON JUL 9 *	1 860B ON APR 15	172 000 000	1984
1985	---	8 880 ON JUL 23	2 070B ON APR 11	159 000 000	1985
1986	8 010 AT 18:00 MST ON JUL 10 *	7 980 ON JUL 10	2 420B ON APR 14	152 000 000	1986
1987	---	8 810 ON JUL 12	1 730B ON APR 14	150 000 000	1987
1988	7 220 AT 21:00 MST ON JUL 8	7 110 ON JUL 8	1 280B ON MAR 9	118 000 000	1988
1989	---	7 050E ON MAY 13	1 040B ON APR 15 *	111 000 000	1989
1970	8 200 AT 13:30 MST ON JUN 24	8 140 ON JUN 24	1 350B ON MAR 4	111 000 000	1970
1971	---	8 850 ON MAY 14	1 310B ON APR 18	114 000 000	1971
1972	8 880 AT 20:00 MST ON JUL 10	8 850 ON JUL 10	1 890B ON MAR 28	118 000 000	1972
1973	---	7 250 ON AUG 18	2 070B ON DEC 31	145 000 000	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	7 820 AT 18:00 MST ON JUN 3	---	---	---	1977
1978	---	---	---	---	1978
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		135 000 000	MEAN

MARCIL CREEK NEAR ARCTIC BAY - STATION NO. 10UB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0	0	0	0	0	0.182	5.80	0.884	0.155	0	0	0	0.888	1978
1979	0	0	0	0	0	0.884	3.98	0.544	0.032	0	0	0	0.488	1979
1981	0	0	0	0	0	2.88	2.38	1.78	0.118	0	0	0	0.881	1981
1982	---	---	---	0	0	---	---	---	---	0	0	---	---	1982
1983	---	---	---	---	0	---	---	---	---	---	---	---	---	1983
MEAN	0	0	0	0	0	1.27	4.06	1.09	0.102	0	0	0	0.548	MEAN

LOCATION - LAT 72 59 37 N, LONG 84 59 16 W. DRAINAGE AREA, 138 km^2. NATURAL FLOW

MARCIL CREEK NEAR ARCTIC BAY - STATION NO. 10UB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	23.7 AT 19:50 MST ON JUL 10 *	17.8 ON JUL 10 *	0B ON JAN 1 *	18 900	1978
1979	---	15.8 A ON JUL 4	0B ON JAN 1	14 800	1979
1981	17.0 AT 10:25 MST ON JUN 25	9.81 ON JUN 25	0B ON JAN 1	18 300	1981
1982	---	---	0B ON APR 1	---	1982
1983	---	---	0B ON MAY 1	---	1983
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		17 300	MEAN

MARTEN RIVER ABOVE THOA RIVER - STATION NO. 070C004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	4.52	8.81	8.18	4.63	8.72	6.89	5.40	3.67	---	1977
1978	2.03	1.11	0.770	0.700	5.23	5.40	3.07	3.62	2.61	2.84	2.25	1.88	2.67	1978
1979	---	---	---	---	---	8.80	3.07	1.25	0.818	3.35	4.38	2.40	---	1979
1980	1.29	1.02	0.811	4.28	7.48	3.88	3.88	8.78	8.34	8.13	4.14	2.27	4.12	1980
1981	1.41	0.883	0.521	0.830	8.74	4.58	8.11	8.27	4.82	4.13	3.88	3.88	3.97	1981
1982	2.11	1.10	0.881	0.788	18.6	11.4	5.08	3.10	8.09	8.72	4.20	2.78	5.38	1982
1983	1.88	1.37	0.852	1.35	8.38	7.85	7.08	10.4	10.8	8.21	8.88	3.72	8.83	1983
1984	1.88	1.40	1.21	8.88	8.85	8.84	13.7	12.0	11.8	11.0	7.93	4.81	7.23	1984
1985	2.84	1.87	1.48	1.18	25.3	8.48	4.18	4.14	4.09	2.88	2.85	3.00	8.23	1985
1986	1.32	1.20	1.08	1.08	12.8	8.08	8.48	8.48	8.48	4.88	3.87	2.82	4.78	1986
1987	2.25	2.02	1.81	2.40	16.1	8.84	4.71	3.78	3.88	4.84	4.81	3.80	4.88	1987
1988	2.88	2.14	1.82	1.84	11.8	12.7	12.8	13.8	10.2	8.11	8.88	8.02	7.48	1988
MEAN	1.88	1.41	1.11	1.88	11.4	7.88	8.87	8.14	8.37	8.78	4.82	3.18	8.10	MEAN

LOCATION - LAT 80 38 14 N, LONG 108 88 43 W. DRAINAGE AREA, 738 km^2. NATURAL FLOW

MARTEN RIVER ABOVE THOA RIVER - STATION NO. 07OC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	9.43 ON JUN 23	---	---	1977
1978	7.28 AT 12:00 MST ON MAY 28	7.28 ON MAY 28	0.5808 ON APR 25	84 300	1978
1979	---	---	---	---	1979
1980	---	11.9 ON APR 29	0.7218 ON APR 9	130 000	1980
1981	---	13.0 ON JUL 16	0.3378 ON APR 22 *	125 000	1981
1982	---	31.8 E ON MAY 25	0.880 ON APR 17	169 000	1982
1983	---	11.9 ON AUG 25	0.8818 ON MAR 20	174 000	1983
1984	23.8 AT 09:27 MST ON JUL 28	23.3 ON JUL 28	1.04 B ON MAR 18	229 000	1984
1985	43.3 AT 06:05 MST ON MAY 12 *	42.9 ON MAY 14 *	1.10 B ON APR 20	185 000	1985
1986	18.4 AT 15:11 MST ON MAY 15	17.9 ON MAY 15	0.8998 ON APR 26	161 000	1986
1987	20.4 AT 10:44 MST ON MAY 8	20.1 ON MAY 8	1.73 B ON MAR 13	144 000	1987
1988	17.0 AT 07:36 MST ON JUN 3	16.8 ON JUN 3	1.46 B ON APR 1	238 000	1988
				181 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MARTIN RIVER AT HIGHWAY NO. 1 - STATION NO. 10SC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	---	---	---	1.19	0.486	0.321	---	1972
1973	0.185	0.181	0.158	0.380	24.1	18.0	9.31	3.88	1.82	0.528	0.228	0.130	4.84	1973
1974	0.141	0.111	0.072	0.134	36.7	19.1	8.35	5.88	4.14	1.85	0.773	0.392	8.49	1974
1975	0.288	0.221	0.184	0.870	52.2	13.7	2.00	8.70	3.38	5.80	1.31	0.625	7.84	1975
1976	0.425	0.254	0.131	5.71	40.8	8.15	5.25	14.8	10.8	3.28	0.841	0.348	7.83	1976
1977	0.001	0.001	0.001	0.781	41.5	15.0	5.72	2.80	1.11	1.02	0.732	0.284	5.05	1977
1978	0.188	0.093	0.085	0.183	28.9	8.23	5.12	0.894	0.805	0.845	0.188	0.151	3.82	1978
1979	0.080	0.028	0.017	0.140	48.1	13.8	8.27	1.80	1.88	3.03	0.416	0.029	8.18	1979
1980	0.020	0.020	0.018	1.85	8.13	1.88	3.82	0.374	2.31	3.11	0.833	0.080	1.58	1980
1981	0.020	0.019	0.020	0.041	40.5	3.77	3.77	1.26	4.78	11.8	4.17	1.27	8.04	1981
1982	0.809	0.326	0.188	0.382	84.1	34.4	13.3	24.0	19.0	8.84	4.07	1.82	17.0	1982
1983	1.24	0.843	0.585	1.63	86.5	33 3	3.05	2.26	0.890	0.454	0.301	0.111	9.24	1983
1984	0.087	0.084	0.109	2.34	5.87	2.78	20.1	3.88	7.18	9.24	0.880	0.364	4.33	1984
1985	0.174	0.081	0.088	0.004	38.9	11.5	15.5	4.44	1.80	1.77	0.645	0.349	8.32	1985
1986	0.348	0.304	0.208	0.282	80.7	21.0	18.9	12.8	8.83	8.04	0.961	0.325	10.2	1986
1987	0.473	0.342	0.127	0.881	13.8	8.28	3.75	1.55	0.894	1.11	0.585	0.181	2.41	1987
1988	0.052	0.080	0.108	1.55	45.0	39.8	112	8.32	16.2	8.15	2.43	1.36	19.8	1988
MEAN	0.289	0.182	0.128	1.08	38.4	15.8	8.26	5.29	5.29	3.74	1.14	0.478	7.45	MEAN

LOCATION - LAT 61 53 50 N, LONG 121 36 27 W
DRAINAGE AREA, 2 050 km^2
NATURAL FLOW

REMARKS - FORMERLY PUBLISHED AS "NEAR THE MOUTH"

MARTIN RIVER AT HIGHWAY NO. 1 - STATION NO. 10SC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	71.9 AT 17:00 MST ON JUN 28	68.5 ON JUN 28	0.1258 ON DEC 17	186 000	1973
1974	82.1 AT 18:00 MST ON MAY 18	78.9 ON MAY 18	0.0625 ON APR 2	205 000	1974
1975	104 B AT 22:00 MST ON MAY 3	101 B ON MAY 3	0.1438 ON MAR 31	238 000	1975
1976	117 AT 18:00 MST ON MAY 1	113 ON MAY 1	0.0018B ON DEC 28 *	241 000	1976
1977	103 AT 20:30 MST ON MAY 14	102 ON MAY 14	0.0018 ON JAN 1	191 000	1977
1978	---	84.88 ON MAY 7	0.0858 ON MAR 1	120 000	1978
1979	120 AT 17:30 MST ON MAY 20	116 ON MAY 20	0.0178 ON FEB 18	184 000	1979
1980	---	18.18 ON MAY 1	0.007 ON SEP 3	50 100	1980
1981	104 AT 15:00 MST ON MAY 8	98.4 ON MAY 8	0.0198 ON FEB 6	191 000	1981
1982	293 AT 14:25 MST ON MAY 22	283 ON MAY 22	0.1508 ON MAR 11	535 000	1982
1983	126 AT 18:42 MST ON MAY 28	124 ON MAY 28	0.1008 ON DEC 13	281 000	1983
1984	81.2 AT 14:40 MST ON JUL 3	78.2 ON JUL 3	0.0938 ON FEB 27	134 000	1984
1985	94.8 AT 16:25 MST ON MAY 16	93.1 ON MAY 16	0.0018 ON MAR 28	198 000	1985
1986	130 B AT 14:38 MST ON MAY 9	112 ON MAY 12	0.1878 ON MAR 3	322 000	1986
1987	---	38.08 ON MAY 4	0.0858 ON DEC 31	78 000	1987
1988	852 AT 09:42 MST ON JUL 3 *	695 A ON JUL 3 *	0.0428 ON JAN 20	815 000	1988
				235 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

MEADOW CREEK ABOVE SAOYAOJUAC INLET - STATION NO. 08OA002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	0.010	0.008	0.001	---	---	---	---	---	1978
1979	---	---	---	---	0.005	0.008	0	0.001	---	---	---	---	---	1979
1980	---	---	---	---	0.002	0.005	0.008	0.004	---	---	---	---	---	1980
1981	---	---	---	---	---	0.010	0.001	0	---	---	---	---	---	1981
MEAN	---	---	---	---	0.004	0.008	0.003	0.002	---	---	---	---	---	MEAN

LOCATION - LAT 63 36 45 N, LONG 80 42 10 W
DRAINAGE AREA, 0.18 km^2
NATURAL FLOW

DATA CONTRIBUTED BY - FRESHWATER INSTITUTE (DFO) (CANADA)

MEADOW CREEK ABOVE SAOYAOJUAC INLET - STATION NO. 08GA002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	0.085 ON JUL 8	0 ON JUN 1 *	---	1978
1979	---	0.082 ON MAY 25	0 ON MAY 1	---	1979
1980	---	0.0888 ON SEP 8 *	0 ON MAY 1	---	1980
1981	---	0.038A ON JUN 7	0 ON MAY 23	---	1981
	A - MANUAL GAUGE (SEE REFERENCE INDEX)	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD	---	MEAN

MECHAM RIVER NEAR RESOLUTE - STATION NO. 10VC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	4.48	---	---	---	---	---	---	1971
1972	---	---	---	---	---	---	4.80	0.274	---	---	---	---	---	1972
1973	---	---	---	---	---	---	0.802	0.508	---	---	---	---	---	1973
1974	---	---	---	---	---	---	5.80	0.078	---	---	---	---	---	1974
1975	---	---	---	---	---	---	2.83	---	---	---	---	---	---	1975
1977	0	0	0	0	0	2.82	3.42	0.870	0.015	0	0	0	0.806	1977
1978	0	0	0	0	0	0	7.15	0.870	0.024	0	0	0	0.892	1978
1979	0	0	0	0	0	0	8.85	0.322	0.010	0	0	0	0.893	1979
MEAN	0	0	0	0	0	0.873	4.47	0.603	0.016	0	0	0	0.830	MEAN

LOCATION - LAT 74 41 24 N
LONG 84 47 10 W
DRAINAGE AREA, 86.8 km^2
NATURAL FLOW

MECHAM RIVER NEAR RESOLUTE - STATION NO. 10VC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	---	19.8 ON JUL 18	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1977	---	18.2 ON JUN 28	0B ON JAN 1 *	18 100	1977
1978	33.1 AT 22:30 MST ON JUL 14	22.3 ON JUL 15	0B ON JAN 1	21 800	1978
1979	83.1 AT 18:00 MST ON JUL 15 *	27.0 ON JUL 15 *	0B ON JAN 1	18 700	1979
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		18 800	MEAN

METAHDALI CREEK ABOVE WILLOWLAKE RIVER - STATION NO. 10GB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	1.84	0.880	0.077	0	0	---	1976
1977	0	0	0	0.331	5.47	1.83	1.01	0.012	0.018	0.007	0	0	0.788	1977
1978	0	0	0	0.050	2.71	2.13	2.48	0.434	0.047	0.020	0	0	0.883	1978
1979	0	0	0	0.111	6.40	1.33	0.128	0.852	0.731	0.414	0.052	0	1.01	1979
1980	0	0	0	0.803	2.45	0.532	0.203	0.035	0.285	0.218	0.010	0	0.376	1980
1981	0	0	0	0.020	8.42	0.282	0.891	0.149	0.303	2.13	0.232	0.006	0.867	1981
1982	0	0	0	0.013	16.5	4.06	0.202	5.68	3.29	0.538	0.081	0.012	2.63	1982
1983	0	0	0	0.262	10.8	2.46	0.148	0.811	0.156	0.038	0	0	1.22	1983
1984	0	0	0	0.588	1.62	0.633	3.12	0.382	0.737	0.882	0.048	0	0.870	1984
1985	0	0	0	0	11.1	1.78	2.88	0.832	0.242	0.085	0.001	0	1.38	1985
1986	0	0	0	0.002	9.32	7.86	3.12	3.39	1.88	0.881	0.008	0.001	2.15	1986
1987	0.001	0	0	0.133	3.41	0.320	0.082	0.018	0.014	0.028	0.005	0	0.338	1987
MEAN	0	0	0	0.210	7.18	2.08	1.28	1.24	0.882	0.424	0.036	0.002	1.12	MEAN

LOCATION - LAT 62 38 58 N
LONG 132 54 23 W
DRAINAGE AREA, 344 km^2
NATURAL FLOW

REMARKS - FLOWS ABOVE 30 m^3/s WERE ESTIMATED AND SHOULD BE USED WITH DISCRETION

METANDALI CREEK ABOVE WILLOWLAKE RIVER - STATION NO. 10CB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	0B ON OCT 25 *	---	1976
1977	---	14.5 ON MAY 13	0B ON JAN 1	35 200	1977
1978	---	8.31 ON JUL 28	0B ON JAN 1	20 800	1978
1979	---	10.7 B ON MAY 14	0B ON JAN 1	32 000	1979
1980	---	5.69B ON APR 30	0B ON JAN 1	12 000	1980
1981	---	24.6 ON MAY 5	0B ON JAN 1	27 400	1981
1982	---	84.4 E ON MAY 19 *	0B ON JAN 1	88 200	1982
1983	---	24.4 ON MAY 21	0B ON JAN 1	35 800	1983
1984	---	14.4 ON JUL 3	0B ON JAN 1	21 200	1984
1985	---	40.0 B ON MAY 12	0B ON JAN 1	43 800	1985
1986	---	29.1 ON JUN 26	0B ON JAN 1	87 800	1986
1987	---	12.0 B ON MAY 4	0B ON JAN 15	10 700	1987
				35 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MILE 14 CREEK AT HIGHWAY NO. 7 - STATION NO. 10ED005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	0	0	0	0.082	0.482	0.155	0.018	0.004	0.004	0.018	0.001	0	0.065	1979
1980	0	0	0	0.087	0.028	0.018	0.007	0	0	0.028	0.002	0	0.012	1980
1981	0	0	0	0	0.374	0.007	0.002	0.002	0.084	0.858	0.013	0	0.068	1981
MEAN	0	0	0	0.043	0.421	0.053	0.008	0.002	0.028	0.301	0.005	0	0.065	MEAN

LOCATION - LAT 61 25 30 N
LONG 121 37 30 W
NATURAL FLOW

MILE 14 CREEK AT HIGHWAY NO. 7 - STATION NO. 10ED005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	2.80 RE ON MAY 30 *	0B ON JAN 1 *	3 020	1979
1980	---	0.2088 ON APR 30	0B ON JAN 1	364	1980
1981	---	1.87 A ON MAY 8	0B ON JAN 1	2 770	1981
				2 050	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

MOUNTAIN RIVER BELOW CAMBRIAN CREEK - STATION NO. 10KC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	731	340	185	---	---	---	---	---	1976
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1976	12.5	10.5	9.30	---	---	---	---	---	---	---	---	18.5	---	1977
1977	10.5	10.7	10.5	---	---	---	---	---	---	---	---	---	---	1978
1978	13.1	11.1	9.84	9.03	88.4	344	328	235	101	48.2	27.7	24.5	104	1979
1979	18.5	9.83	8.89	11.1	180	340	613	288	144	76.5	34.2	18.5	138	1980
1980	11.5	9.85	9.18	12.5	175	287	230	385	182	78.0	28.5	18.5	121	1981
1981	---	---	---	---	---	---	367	205	89.7	48.5	25.0	21.1	---	1982
1982	18.5	15.5	11.4	9.05	---	---	---	377	130	52.3	32.2	22.3	---	1983
1983	18.5	15.5	15.1	22.5	103	415	328	218	136	72.1	31.4	18.1	109	1984
1984	11.0	10.1	9.89	14.5	151	389	367	314	140	68.2	31.9	23.0	130	1985
1985	17.5	15.1	12.5	11.7	103	388	295	239	157	81.2	25.2	21.1	113	1986
1986	18.5	17.0	15.3	13.7	108	575	384	439	241	80.0	33.5	19.2	162	1987
1987	21.5	15.5	14.3	14.3	201	345	283	270	152	78.2	38.3	24.0	133	1988
1988	17.5	14.2	11.5	11.5	193	385	382	227	153	69.4	39.7	28.0	132	MEAN
MEAN	15.5	13.3	11.5	13.1	142	421	330	284	153	69.4	29.5	20.7	125	

LOCATION - LAT 65 13 38 N
LONG 128 34 00 W
DRAINAGE AREA, 11 180 km^2
NATURAL FLOW

MOUNTAIN RIVER BELOW CAMBRIAN CREEK - STATION NO. 10KC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	986 AT 07:40 MST ON JUL 2	827 ON JUL 2	0.888 ON APR 8	3 270 000	1978
1979	812 AT 02:30 MST ON JUL 2	769 ON JUL 2	0.808 ON MAR 15 *	4 030 000	1979
1980	1 180 AT 10:30 MST ON AUG 15	959 ON AUG 15	0.008 ON FEB 29	3 820 000	1980
1981	---	818 ON JUL 31	---	---	1981
1982	---	---	0.808 ON APR 7	---	1982
1983	---	858 ON JUN 26	12.8 B ON DEC 31	3 430 000	1983
1984	1 040 AT 18:10 MST ON JUN 26	780 ON JUN 26	0.878 ON MAR 26	4 100 000	1984
1985	921 AT 08:25 MST ON JUN 8	780 ON JUN 8	11.4 B ON APR 16	3 880 000	1985
1986	1 800 AT 12:34 MST ON AUG 14 *	1 140 ON AUG 14 *	13.1 B ON APR 26	5 110 000	1986
1987	827 AT 13:07 MST ON JUN 3	780 ON MAY 31	12.8 B ON APR 5	3 870 000	1987
1988	881 AT 01:32 MST ON JUL 8	782 ON JUL 8	10.6 B ON APR 8	4 170 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 930 000	MEAN

MUSKEG CREEK NEAR YELLOWKNIFE - STATION NO. 07SB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	---	---	0	---	0	0	0	---	---	---	---	---	1987
MEAN	---	---	---	0	---	0	0	0	---	---	---	---	---	MEAN

LOCATION - LAT 62 32 10 N, LONG 114 23 26 W DRAINAGE AREA, 0.24 km^2 NATURAL FLOW

EAGLE CHANNEL BELOW SLAVE RIVER - STATION NO. 07NC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	3.08	2.37	1.74	3.42	10.0	11.4	12.8	13.0	12.5	12.4	8.78	5.48	8.18	1980
MEAN	3.08	2.37	1.74	3.42	10.0	11.4	12.8	13.0	12.5	12.4	8.78	5.48	8.18	MEAN

LOCATION - LAT 61 15 10 N, LONG 113 30 30 W REGULATED SINCE 1986

EAGLE CHANNEL BELOW SLAVE RIVER - STATION NO. 07NC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	14.0 ON AUG 20 *	0.8848 ON MAR 26 *	259 000	1980
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		259 000	MEAN

P/N LAKE OUTLET - STATION NO. 08GA004

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	0.017	0.018	0	---	---	---	---	---	1978
1979	---	---	---	---	0.008	0.010	0	0	---	---	---	---	---	1979
1980	---	---	---	---	0	0.012	0.010	0.005	---	---	---	---	---	1980
1981	---	---	---	---	---	0.023	0.003	0	---	---	---	---	---	1981
MEAN	---	---	---	---	0.003	0.015	0.007	0.001	---	---	---	---	---	MEAN

LOCATION - LAT 63 38 55 N, LONG 90 40 00 W DRAINAGE AREA, 0.38 km^2 NATURAL FLOW DATA CONTRIBUTED BY - FRESHWATER INSTITUTE (DFO) (CANADA)

P/N LAKE OUTLET - STATION NO. 08GA004

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	0.081 ON JUN 20	0 ON JUN 1 *	---	1978
1979	---	0.065 ON MAY 28	0 ON MAY 1	---	1979
1980	---	0.061 ON SEP 10	0 ON MAY 1	---	1980
1981	---	0.084A ON JUN 13 *	0 ON MAY 28	---	1981
A - MANUAL GAUGE (SEE REFERENCE INDEX)		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

PEEL RIVER ABOVE FORT MCPHERSON - STATION NO. 10MC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	405	200	135	---	1969
1970	111	100	88.7	79.1	---	---	1 500	1 080	901	369	177	113	---	1970
1971	81.6	77.6	69.5	---	---	---	---	---	1 150	367	193	108	---	1971
1972	80.9	70.3	69.8	55.0	---	---	882	834	994	315	119	85.0	---	1972
1973	77.1	65.0	52.2	48.3	---	---	1 310	2 220	1 140	380	98.2	78.1	---	1973
1974	84.9	68.3	54.3	55.7	526	1 910	1 280	2 530	824	232	125	109	648	1974
1975	94.3	85.0	77.3	74.9	3 230	4 470	1 520	1 080	1 110	438	144	94.9	1 040	1975
1976	83.7	77.1	74.2	101	2 880	2 080	881	1 330	815	389	188	99.0	714	1976
1977	77.1	73.8	73.8	80.5	3 340	2 840	1 080	605	426	348	137	80.9	780	1977
1978	72.5	80.2	84.0	83.7	453	3 890	1 220	572	578	315	97.0	83.8	820	1978
1979	80.9	77.1	72.3	70.8	2 370	1 920	2 380	1 400	1 130	812	187	80.8	870	1979
1980	85.7	89.9	81.3	88.6	3 330	2 310	805	1 650	675	278	145	180	810	1980
1981	78.5R	86.1R	82.2R	89.5R	1 380R	1 490R	2 240R	1 180R	627R	285R	203 R	123 R	882R	1981
1982	83.3	85.7	89.4	89.5	1 430	3 800	1 150	1 040	855	311	129	104	742	1982
1983	87.9	74.4	88.5	78.3	1 780	3 080	827	878	582	249	120	88.3	855	1983
1984	81.4	68.2	67.0	73.9	3 090	2 270	1 650	1 180	880	289	134	103	818	1984
1985	83.4	80.0	77.4	87.5	2 340	2 440	938	878	885	459	131	93.6	899	1985
1986	77.1	73.8	71.8	71.7	558	2 700	981	1 530	748	300	175	110	818	1986
1988	88.2	74.3	70.1	88.5	1 800	2 150	1 180	1 010	1 130	335	158	140	894	1988
MEAN	81.0R	71.5R	85.4R	70.3R	2 030R	2 670R	1 260R	1 220R	838R	357R	152 R	105 R	738R	MEAN

LOCATION - LAT 67 14 10 N, LONG 134 54 28 W DRAINAGE AREA, 70 800 km² NATURAL FLOW

R - REVISED SINCE JAN 01 1987

PEEL RIVER ABOVE FORT MCPHERSON - STATION NO. 10MC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	3 000 ON JUL 9	---	---	1970
1971	---	---	---	---	1971
1972	---	---	45.0B ON APR 15 *	---	1972
1973	---	---	---	---	1973
1974	---	4 300 ON JUN 5	53.0B ON MAR 31	20 800 000	1974
1975	10 800 AT 02:10 MST ON MAY 31 *	10 800 ON MAY 31 *	72.8B ON APR 2	32 800 000	1975
1976	---	4 840 ON MAY 22	71.9B ON APR 8	22 800 000	1976
1977	8 440 AT 13:10 MST ON MAY 20	8 380 ON MAY 20	73.6B ON FEB 1	24 000 000	1977
1978	---	7 780B ON JUN 3	62.7B ON MAR 12	18 800 000	1978
1979	5 320 AT 01:30 MST ON MAY 30	5 220 ON MAY 30	68.3B ON APR 20	27 400 000	1979
1980	---	8 200B ON MAY 24	59.2B ON FEB 23	25 800 000	1980
1981	---	4 900R ON MAY 23	57.8RB ON APR 23	20 800 000R	1981
1982	---	9 930 ON MAY 31	58.1B ON MAR 28	23 400 000	1982
1983	---	8 000B ON JUN 1	58.0B ON DEC 31	20 700 000	1983
1984	---	6 800B ON MAY 20	45.8B ON MAR 20	25 800 000	1984
1985	---	7 000B ON MAY 23	84.5B ON APR 25	22 000 000	1985
1986	---	5 870B ON JUN 1	71.5B ON APR 4	19 400 000	1986
1988	---	4 800B ON MAY 28	70.0B ON MAR 8	22 000 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987		23 300 000R	MEAN

PLATEAU CREEK NEAR WILLOW LAKE - STATION NO. 10FC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	0.488	0.387	---	---	---	0.013	0	---	1976
1977	---	---	---	---	0.787	0.026	0.023	0.015	0.023	0.023	---	---	---	1977
1978	0	0	0	0.001	---	0.274	0.349	0.082	0.148	0.278	0.018	0	---	1978
1979	0	0	0	0	2.01	0.207	0.012R	0.005R	0.027	0.087	0.003	0	0.198R	1979
1980	0	0	0	0.612	0.525	0.129	0.076	0.023R	0.150	0.302	0.014	0	0.153R	1980
1981	0	0	0	0	1.15	0.291	0.078R	0.004R	0.058R	0.380	0.024	0	0.188R	1981
1982	0	0	0	0	1.75	0.457	0.058	0.104	0.331	0.194	0.012	0	0.245	1982
1983	0	0	0	0	1.82	1.08	0.320	0.818	0.585	0.092	0.008	0	0.398	1983
1984	0	0	0	0.452	1.24	0.230	---	---	---	0.577	0.005	0	---	1984
1985	0	0	0	0.004	1.56	0.383	0.257	0.515	0.134	0.153	0.006	0	0.284	1985
MEAN	0	0	0	0.138	1.36	0.355	0.175R	0.188R	0.184R	0.232	0.012	0	0.236R	MEAN

LOCATION - LAT 62 15 15 N, LONG 116 13 59 W DRAINAGE AREA, 69.9 km² NATURAL FLOW

R - REVISED SINCE JAN 01 1987

PLATEAU CREEK NEAR WILLOW LAKE - STATION NO. 10FC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	OB ON NOV 26 *	---	1976
1977	---	---	---	---	1977
1978	---	---	OB ON JAN 1	---	1978
1979	---	7.488 ON MAY 18	OB ON JAN 1	8 280R	1979
1980	---	3.52 ON APR 27	OB ON JAN 1	4 850R	1980
1981	---	8.128 ON MAY 7	OB ON JAN 1	5 300R	1981
1982	---	9.84A ON MAY 22	OB ON JAN 1	7 710	1982
1983	---	13.2 E ON MAY 30 *	OB ON JAN 1	12 500	1983
1984	---	8.75E ON JUL 1	OB ON JAN 1	---	1984
1985	---	4.80B ON MAY 13	OB ON JAN 1	6 010	1985
				7 450R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987

POCKET LAKE OUTFLOW NEAR YELLOWKNIFE - STATION NO. 07SB011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	OR	OR	OR	0	0	0	0	0	0	0	OR	OR	OR	1967
1968	OR	OR	OR	0	0	0	0	0	0	0	0	0	OR	1968
1969	0	0	0	0	0	0	0	0	0	0	OR	OR	OR	1969
1970	OR	OR	OR	OR	0.001	0	0	0	0	0	OR	OR	OR	1970
1971	OR	OR	OR	0	0.001	0	0	0	0	0	OR	OR	OR	1971
1972	OR	OR	OR	0	0 R	OR	0	0	0	0	OR	OR	OR	1972
1973	OR	OR	OR	0	0	0	0	0	0	0	OR	OR	OR	1973
1974	OR	OR	OR	0	0.001	0	0	0	0	0	OR	OR	OR	1974
1975	0	0	0	0	0.001	0	0	0	0	0	0	0	0	1975
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	1976
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	1977
1978	OR	OR	OR	OR	0 R	OR	OR	OR	OR	OR	OR	OR	OR	1978
MEAN	OR	OR	OR	OR	0 R	OR	OR	OR	OR	OR	OR	OR	OR	MEAN

LOCATION - LAT 62 30 38 N, LONG 114 22 16 W NATURAL FLOW

R - REVISED SINCE JAN 01 1987

POCKET LAKE OUTFLOW NEAR YELLOWKNIFE - STATION NO. 07SB011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	0 RE ON JAN 1	ORE ON JAN 1 *	0 R	1967
1968	---	0 RE ON JAN 1	ORE ON JAN 1	0 R	1968
1969	---	0 ON JAN 1	0 ON JAN 1	0 R	1969
1970	---	0.002 ON MAY 1	ORE ON JAN 1	3.16R	1970
1971	---	0.003E ON MAY 3 *	ORE ON JAN 1	3.54R	1971
1972	---	0 RE ON JAN 1	ORE ON JAN 1	0 R	1972
1973	---	0 RE ON JAN 1	ORE ON JAN 1	0 R	1973
1974	---	0.002 ON MAY 14	ORE ON JAN 1	3.02R	1974
1975	---	0.001E ON MAY 3	0 ON JAN 1	1.81	1975
1976	---	0.001 ON APR 28	0 ON JAN 1	1.38	1976
1977	---	0 ON JAN 1	0 ON JAN 1	0	1977
1978	---	0 RE ON JAN 1	ORE ON JAN 1	0 R	1978
				0.88R	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987

PORTER LAKE OUTFLOW - STATION NO. 07QD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	7.38	5.71	4.58	3.74	4.25	9.83	11.8	12.1	12.7	11.8	11.2	8.57	8.72	1983
1984	7.22	5.11	3.94	4.38	9.38	11.7	14.8	15.5	14.9	12.7	12.8	12.0	10.4	1984
1985	8.75	4.21	3.81	3.84	15.2	28.7	18.2	9.75	6.30	4.27	3.70	2.81	8.85	1985
1986	2.31	2.14	1.82	1.74	4.89	10.1	13.1	12.0	13.8	12.2	8.14	6.23	7.39	1986
1987	4.84	4.27	4.33	4.12	10.8	14.9	13.7	9.75	11.8	13.8	12.2	9.75	8.81	1987
1988	7.97	6.84	6.56	5.38	8.75	31.2	43.0	38.8	24.8	18.8	14.8	10.8	18.0	1988
MEAN	6.03	4.88	4.20	3.84	8.47	17.4	18.5	18.3	14.0	12.3	10.8	8.58	10.4	MEAN

LOCATION - LAT 61 48 57 N, LONG 107 52 11 W DRAINAGE AREA, 2 050 km^2 NATURAL FLOW

PORTER LAKE OUTFLOW - STATION NO. 07QD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	14.4 AT 23:11 MST ON AUG 30	13.7 ON AUG 31	3.528 ON APR 28	275 000	1983
1984	18.8 AT 12:18 MST ON JUL 29	18.8 ON JUL 28	3.408 ON APR 13	328 000	1984
1985	29.1 AT 13:56 MST ON JUN 3	28.0 ON JUN 3	2.468 ON DEC 27	273 000	1985
1986	14.8 AT 13:43 MST ON SEP 18	14.5 ON SEP 18	1.888 ON APR 3 *	233 000	1986
1987	16.8 AT 12:25 MST ON JUL 1	15.8 ON JUL 2	3.908 ON MAR 28	300 000	1987
1988	48.0 AT 18:26 MST ON JUL 22 *	47.8 ON JUL 28 *	4.818 ON APR 29	589 000	1988
				330 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PORTER LAKE OUTFLOW ABOVE TALTSON RIVER - STATION NO. 07QD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	8.70	5.84	5.80	7.07	5.88	---	---	1977
1978	3.28	2.76	2.43	2.38	4.88	9.08	10.4	8.54	5.40	5.24	4.48	3.94	5.30	1978
1979	---	---	---	---	---	---	11.2	8.78	6.31	4.82	4.26	4.01	---	1979
1980	3.85	3.27	2.40	2.25	4.34	4.85	4.40	3.78	4.08	4.81	5.81	4.23	3.98	1980
1981	3.17	2.81	2.80	2.97	5.98	9.81	18.5	18.5	13.8	10.8	7.87	5.78	8.38	1981
MEAN	3.42	2.94	2.84	2.53	4.97	7.81	9.84	8.87	7.50	6.55	5.80	4.49	5.85	MEAN

LOCATION - LAT 61 53 00 N DRAINAGE AREA, 2 080 km^2
LONG 107 41 50 W NATURAL FLOW

PORTER LAKE OUTFLOW ABOVE TALTSON RIVER - STATION NO. 07QD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	11.0 AT 17:50 MST ON JUL 12 *	11.0 ON JUL 11	2.388 ON MAR 25	167 000	1978
1979	---	---	---	---	1979
1980	---	5.788 ON NOV 5	2.008 ON APR 10 *	126 000	1980
1981	---	20.0 E ON JUL 18 *	2.788 ON FEB 21	281 000	1981
				185 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

PRAIRIE CREEK AT CADILLAC MINE - STATION NO. 10EC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	2.77	1.81	0.780	---	1974
1975	0.438	0.284	0.122	0.518	15.4	19.4	14.5	12.6	7.45	3.10	1.33	0.934	6.52	1975
1976	0.761	0.680	0.550	1.10	18.4	23.0	19.7	8.52	5.85	2.43	1.04	0.504	8.91	1976
1977	0.278	0.288	0.283	0.596	14.8	34.2	14.5	10.7	7.47	2.78	0.828	0.284	7.27	1977
1978	0.230	0.170	0.167	0.378	7.84	11.9	10.6	8.27	3.86	1.57	0.851	0.529	3.71	1978
1979	0.378	0.241	0.237	0.328	10.4	24.4	14.2	8.88	5.08	2.04	1.07	0.558	5.87	1979
1980	0.318	0.182	0.081	1.05	8.84	7.28	9.82	7.85	8.83	5.81	1.30	1.04	4.17	1980
1981	0.528	0.357	0.310	0.383	13.7	13.4	8.88	8.12	8.08	2.78	1.82	1.30	4.47	1981
1982	0.773	0.387	0.240	0.535	9.73	19.2	7.81	8.27	8.44	2.32	1.25	1.05	4.82	1982
1983	0.782	0.550	0.387	0.272	7.86	15.8	9.23	18.9	8.03	1.84	0.858	0.480	5.08	1983
1984	0.145	0.048	0.084	0.881	8.82	13.6	13.6	8.88	5.48	2.89	0.903	0.535	4.85	1984
1985	0.208	0.070	0.038	0.078	13.1	12.7	11.8	7.22	8.43	2.84	2.32	1.84	4.81	1985
1986	1.23	0.888	0.681	0.528	15.0	24.4	16.1	10.3	8.75	3.83	1.32	1.04	8.87	1986
1987	0.885	0.703	0.488	0.377	8.43	13.2	8.88	8.88	8.30	2.88	0.838	0.770	4.86	1987
1988	0.603	0.454	0.282	0.845	15.1	37.4	16.8	8.08	8.08	3.73	1.34	0.791	7.87	1988
MEAN	0.540	0.372	0.278	0.558	12.0	18.3	12.4	9.28	8.87	2.85	1.24	0.833	5.54	MEAN

LOCATION - LAT 61 33 30 N DRAINAGE AREA, 485 km^2
LONG 124 48 45 W NATURAL FLOW

REMARKS - FLOWS ABOVE 40 m^3/s WERE ESTIMATED AND SHOULD BE USED WITH DISCRETION

PRAIRIE CREEK AT CADILLAC MINE - STATION NO. 10EC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	85.1E AT 21:30 MST ON JUN 3	47.5RE ON JUN 3	0.081RE ON APR 2	208 000	1975
1976	81.3E AT 22:40 MST ON JUL 2	52.8RE ON JUL 3	0.391E ON DEC 31	218 000	1976
1977	187 E ON JUN 3 *	127 RE ON JUN 3 *	0.241E ON DEC 16	239 000	1977
1978	41.1E AT 21:30 MST ON JUN 1	27.0 ON JUL 2	0.158E ON FEB 18	117 000	1978
1979	81.6E AT 18:00 MST ON JUL 1	51.9E ON JUL 2	0.216E ON MAR 3	178 000	1979
1980	37.1 AT 07:10 MST ON JUN 1	22.4 ON AUG 3	0.028E ON MAR 10 *	132 000	1980
1981	---	40.0E ON JUN 5	0.307E ON FEB 24	141 000	1981
1982	45.4E AT 21:45 MST ON MAY 28	35.1 ON JUN 2	0.180E ON APR 7	152 000	1982
1983	85.3E AT 18:26 MST ON MAY 30	45.8E ON MAY 31	0.250E ON APR 13	161 000	1983
1984	70.5E AT 13:13 MST ON JUN 19	51.9E ON JUN 19	0.044E ON FEB 24	147 000	1984
1985	46.2E AT 21:07 MST ON JUN 1	30.9 ON JUL 15	0.038E ON MAR 28	152 000	1985
1986	75.5E AT 01:23 MST ON MAY 21	58.1E ON MAY 27	0.454E ON MAY 1	217 000	1986
1987	72.0E AT 00:41 MST ON MAY 31	47.4 ON MAY 31	0.300E ON APR 20	147 000	1987
1988	82.2 AT 21:36 MST ON JUN 30	73.3 ON JUN 30	0.206E ON MAR 27	249 000	1988
				175 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

PRINCE RIVER NEAR BAKER LAKE - STATION NO. 08MA005

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0	0	0	0	1.81	61.2	31.0	13.5	5.73	0.073	0	0	14.1	1978
1980	0	0	0	0	0.002	37.1	37.8	26.5	33.5	2.85	0	0	15.9	1980
1981	---	---	0	0	0	36.5	57.9	15.4	8.72	5.02	---	---	---	1981
1982	---	---	0	^	0	28.5	44.5	25.3	38.2	---	---	---	---	1982
1983	---	---	---	-	0	50.7	48.2	24.1	24.3	18.3	4.21	0.340	20.8	1983
1984	---	---	---	--	0	53.2	42.1	19.8	24.2	3.77	1.32	0.190	17.8	1984
1985	---	---	---	---	0	75.3	52.2	38.0	45.8	11.7	0.342	0	27.7	1985
1986	---	---	---	---	1.28	78.3	78.3	21.2	12.8	4.02	0.384	0	23.6	1986
1987	---	---	---	---	0	18.8	81.1	33.0	24.0	7.80	2.02	0.437	22.2	1987
1988	---	---	---	---	0	80.9	47.8	27.3	27.3	15.4	2.54	0.280	22.8	1988
MEAN	0	0	0	0	0.310	48.8	52.8	24.4	24.1	7.85	1.34	0.152	20.8	MEAN

LOCATION - LAT 64 18 08 N, LONG 86 48 31 W
DRAINAGE AREA, 2 100 km^2
NATURAL FLOW

PRINCE RIVER NEAR BAKER LAKE - STATION NO. 08MA005

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	63.8E ON JUN 12	0E ON MAY 1 *	288 000	1978
1980	---	59.1 ON JUN 18	0E ON MAY 1	338 000	1980
1981	---	83.7 ON JUN 24	0E ON MAY 1	---	1981
1982	---	70.3 ON JUN 26	0E ON MAY 1	---	1982
1983	---	170 E ON JUN 15 *	0E ON MAY 1	443 000	1983
1984	---	88.3 ON JUN 17	0E ON MAY 1	380 000	1984
1985	---	140 E ON JUN 12	0E ON MAY 1	587 000	1985
1986	---	140 E ON JUN 19	0E ON MAY 1	505 000	1986
1987	---	142 ON JUL 5	0E ON MAY 1	471 000	1987
1988	---	150 E ON JUN 17	0E ON MAY 1	477 000	1988
				437 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

QINGUQ CREEK NEAR BAKER LAKE - STATION NO. 08MA002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	0	0	0	0	---	---	---	3.70	1.41	0.148	0	0	---	1969
1970	0	0	0	0	0.008	14.3	3.85	8.10	8.04	0.275	0	0	5.38	1970
1971	0	0	0	0	0.342	17.4	3.48	0.888	0.511	0.427	0	0	3.79	1971
1972	0	0	0	0	0	15.5	7.75	1.84	2.71	0.481	0	0	4.81	1972
1973	0	0	0	0	8.05	11.4	1.15	0.345	5.52	3.18	0	0	5.07	1973
1974	0	0	0	0	4.45	9.88	3.76	3.91	0.878	0	0	0	3.82	1974
1975	0	0	0	0	1.44	36.1	1.28	1.87	3.19	0.234	0	0	7.16	1975
1976	0	0	0	0	0.031	37.3	8.78	0.818	0.301	0	0	0	7.88	1976
1977	0	0	0	0	0.708	9.07	3.01	0.838	2.08	1.54	0.023	0	2.81	1977
1978	0	0	0	0	0	12.4	8.33	2.01	0.180	0.003	0	0	3.79	1978
1981	---	---	---	0	0	11.4	5.25	0.788	0.272	0.123	---	---	2.84	1981
1982	---	---	0	0	0	7.36	8.02	2.86	4.60	0.883	0	0	3.88	1982
1983	---	---	---	---	0	---	3.48	1.33	2.82	1.40	0	---	---	1983
1984	---	---	---	---	---	5.44	4.80	1.73	3.74	0.281	0.018	---	---	1984
1985	---	---	---	---	0	15.2	6.83	4.85	8.21	0.828	0.021	---	5.86	1985
1986	---	---	---	---	0.018R	17.1 R	8.08R	1.12 R	0.883R	0.088R	0 R	---	4.62R	1986
1987	---	---	---	---	0 R	17.8 R	12.2 R	5.21 R	4.44 R	0.184R	---	---	6.81R	1987
1988	---	---	---	---	0	18.8	4.47	1.19	1.83	0.720	0.003	---	4.12	1988
MEAN	0	0	0	0	0.842R	18.0 R	5.58R	2.23 R	2.82 R	0.591R	0.004R	0	4.81R	MEAN

LOCATION - LAT 64 15 24 N, LONG 86 19 06 W
DRAINAGE AREA, 431 km^2
NATURAL FLOW
R - REVISED SINCE JAN 01 1987

QINGUQ CREEK NEAR BAKER LAKE - STATION NO. 08MA002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	30.0B ON JUN 6	0B ON MAY 1 *	85 100	1970
1971	---	39.8B ON JUN 7	0B ON MAY 1	80 300	1971
1972	---	55.2B ON JUN 25	0B ON MAY 1	73 300	1972
1973	---	51.0B ON MAY 26	0B ON MAY 1	80 800	1973
1974	---	26.3E ON MAY 31	0B ON MAY 1	80 800	1974
1975	---	80.3E ON JUN 10 *	0B ON MAY 1	114 000	1975
1976	---	83.3 ON JUN 15	0B ON MAY 1	125 000	1976
1977	---	20.8B ON JUN 15	0B ON MAY 1	44 700	1977
1978	---	63.5E ON JUN 22	0B ON MAY 1	80 300	1978
1981	---	38.5E ON JUN 20	0B ON MAY 1	46 700	1981
1982	---	26.5 ON JUN 23	0B ON MAY 1	58 100	1982
1983	---	---	0B ON MAY 1	---	1983
1984	---	---	---	---	1984
1985	---	47.8A ON JUN 11	0B ON MAY 1	84 800	1985
1986	---	40.7R ON JUN 30	0RB ON MAY 1	71 700R	1986
1987	---	71.5R ON JUN 25	0RB ON MAY 1	105 000R	1987
1988	---	58.0E ON JUN 13	0B ON MAY 1	85 800	1988
				78 400R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

QUDICH RIVER ABOVE ST. CLAIR FALLS - STATION NO. 08MB001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	2.45	2.42	3.84	4.51	5.32	75.3	870	233	187	70.5	31.4	8.21	188	1972
1973	4.89	3.85	2.93	7.18	78.8	382	213	218	488	247	76.9	14.8	180	1973
1974	8.58	6.33	6.78	7.38	61.5	727	289	135	134	48.7	23.7	12.2	180	1974
1975	4.41	1.77	4.29	7.37	26.8	828	288	138	320	110	42.8	13.8	198	1975
1976	2.00	1.32	0.875	0.787	3.85	827	844	207	207	83.4	17.8	2.02	211	1975
1977	1.05	1.44	1.55	4.35	8.23	547	811	334	288	180	57.1	16.8	257	1977
1978	1.88	0.857	0.880	0.932	1.01	95.1	1 090	287	181	48.7	20.1	8.87	195	1978
1979	8.57	7.07	5.78	5.25	4.41	278	566	138	273	89.5	22.3	12.1	151	1979
1980	---	---	---	---	---	---	---	---	---	74.4	14.5	5.78	---	1980
1981	---	---	1.78	1.48	1.42	---	883	183	448	188	---	---	---	1981
1982	---	---	11.7	8.82	8.61	783	883	242	128	88.7	45.0	28.0	248	1982
1983	---	---	---	---	---	---	---	503	402	122	52.4	28.5	---	1983
1984	16.1	8.85	2.20	1.28	7.16	1 250	758	385	485	88.4	38.7	24.8	335	1984
1985	13.5	5.88	5.00	5.20	7.82	854	412	235	515	148	40.9	22.8	258	1985
1986	11.2	6.15	5.86	8.06	37.5	898	1 280	242	211	80.1	28.2	12.2	278	1986
1987	8.13	6.60	5.78	8.55	8.62	220	1 870	518	423	177	41.0	17.7	387	1987
1988	8.18	7.41	6.82	7.88	13.1	833	498	300	487	184	58.5	18.3	289	1988
MEAN	7.02	4.37	4.40	5.08	18.2	870	757	273	324	118	37.1	15.3	234	MEAN

LOCATION - LAT 64 18 22 N
LONG 83 55 02 W
DRAINAGE AREA, 30 100 km^2
NATURAL FLOW

QUDICH RIVER ABOVE ST. CLAIR FALLS - STATION NO. 08MB001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	1 270E ON JUL 10	4.15 B ON APR 1	3 850 000	1972
1973	---	895 ON SEP 15	4.05 B ON APR 1	4 800 000	1973
1974	---	1 130E ON JUN 15	7.08 B ON APR 1	3 790 000	1974
1975	---	1 180E ON JUN 8	3.85 B ON DEC 31	4 850 000	1975
1976	---	1 480 ON JUN 28	0.823B ON MAY 8 *	5 010 000	1976
1977	---	1 800B ON JUN 28	1.70 B ON APR 1	5 100 000	1977
1978	---	1 870E ON JUL 8	0.808B ON APR 1	4 840 000	1978
1979	---	1 030 ON JUN 30	3.68 B ON MAY 30	3 890 000	1979
1980	---	---	---	---	1980
1981	---	---	1.42 B ON APR 24	---	1981
1982	---	2 180 ON JUN 28	8.78 B ON MAY 11	5 820 000	1982
1983	---	---	---	---	1983
1984	---	2 850 ON JUN 23	1.00 B ON APR 1	7 850 000	1984
1985	---	2 550 ON JUN 18	5.00 B ON APR 1	6 130 000	1985
1986	---	2 860 ON JUL 2	5.85 B ON APR 1	6 610 000	1986
1987	---	3 800 ON JUL 4 *	5.00 B ON APR 1	8 730 000	1987
1988	---	1 380 ON JUN 24	5.84 B ON APR 1	6 390 000	1988
				5 580 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RABBIT CREEK AT HIGHWAY NO. 7 - STATION NO. 10ED006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	0.018	0.002	0	0.055	0.095	0.047	0.347	0.535	0.554	0.378	0.086	0.015	0.178	1984
1985	0.003	0	0.001	0.018	3.02	0.447	0.280	0.152	0.188	0.188	0.087	0.012	0.389	1985
1986	0.008	0.002	0.009	0.084	2.89	1.31 R	1.84 R	0.288	1.34	1.00	0.188	0.025	0.743R	1986
1987	0.004	0.004	0.021	0.305	1.51	1.04	1.52	1.14	0.273	0.145	0.130	0.097	0.521	1987
1988	0.024	0.001	0.001	0.548	4.04	2.15	3.71	0.528	0.078	0.078	0.085	0.080	0.950	1988
MEAN	0.011	0.002	0.008	0.198	2.33	0.999R	1.50 R	0.536	0.483	0.354	0.107	0.042	0.552R	MEAN

LOCATION - LAT 60 27 50 N, LONG 123 21 54 W DRAINAGE AREA, 92.7 km² NATURAL FLOW

R - REVISED SINCE JAN 01 1987

RABBIT CREEK AT HIGHWAY NO. 7 - STATION NO. 10ED006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1984	2.87 AT 12:40 MST ON AUG 9	2.54 ON AUG 9	0 B ON FEB 13 *	5 840	1984
1985	---	7.90 ON MAY 8	0 B ON JAN 19	11 700	1985
1986	7.16 AT 18:17 MST ON SEP 26	5.73 ON SEP 26	0 B ON JAN 31	23 400R	1986
1987	4.53 AT 10:54 MST ON JUL 15	4.40 ON JUL 15	0.002B ON JAN 4	15 400	1987
1988	21.3 AT 01:46 MST ON JUL 2 *	19.8 ON JUL 2 *	0.001B ON FEB 3	30 000	1988
				17 400R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987

RABBIT CREEK BELOW HIGHWAY NO. 7 - STATION NO. 10ED004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.008	0.008	0.008	0.258	1.05	0.788	0.137	0.078	0.050	0.087	0.031	0.011	0.207	1978
1979	0.008	0.003	0.001	0.249	4.01	1.47	0.377	0.208	0.387	0.188	0.039	0.002	0.530	1979
1980	0.001	0.001	0.001	0.512	0.084	0.012R	0.712	0.057	0.555	0.408	0.118	0.011	0.207R	1980
1981	0.010	0.005	0.002	0.033	3.32	1.40	0.036	0.008R	0.008R	0.078	0.044	0.031	0.418R	1981
1982	0.007	0.004	0.003	0.138	9.31	0.253	0.018R	0.023R	0.055	0.121	0.010	0.005	0.843R	1982
1983	0.003	0.001	0.001	0.487	2.19	0.297	0.009R	0.011R	0.025R	0.017	0.010	0.013	0.258R	1983
MEAN	0.008	0.004	0.003	0.278	3.33	0.700R	0.215R	0.084R	0.177R	0.148	0.040	0.012	0.418R	MEAN

LOCATION - LAT 60 27 41 N, LONG 123 24 46 W DRAINAGE AREA, 105 km² NATURAL FLOW

R - REVISED SINCE JAN 01 1987

RABBIT CREEK BELOW HIGHWAY NO. 7 - STATION NO. 10ED004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	4.18 AT 05:00 MST ON MAY 30	4.05 ON MAY 30	0.008B ON JAN 1	5 840	1978
1979	14.0 E AT 10:00 MST ON MAY 27	13.1 E ON MAY 27	0 B ON MAR 21 *	16 200	1979
1980	4.82 AT 13:40 MST ON JUL 15	4.48 ON JUL 15	0.001B ON JAN 1	5 850R	1980
1981	11.8 E AT 23:24 MST ON MAY 6	10.1 E ON MAY 7	0.001B ON MAR 11	13 200R	1981
1982	28.1 E AT 04:23 MST ON MAY 19 *	24.4 E ON MAY 19 *	0.001RE ON JUL 31	25 800R	1982
1983	---	4.85E ON MAY 5	0.001B ON JAN 28	5 080R	1983
				13 200R	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987

RAMPARTS RIVER NEAR FORT GOOD HOPE - STATION NO. 10KD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	2.88	2.18	1.48	1.40	153	120	41.1	28.0	58.6	23.7	4.85	3.21	37.0	1985
1986	2.43	1.98	1.72	1.81	107	147	33.5	108	54.7	18.5	7.41	4.42	40.5	1986
1987	3.03	2.03	1.31	1.09	141	142	33.3	46.5	52.1	44.2	14.5	5.40	40.5	1987
1988	2.88	1.47	0.712	0.758	120	78.8	61.4	45.1	138	28.5	10.3	5.85	40.1	1988
MEAN	2.78	1.91	1.31	1.21	130	122	37.3	56.4	77.9	28.2	8.27	4.87	39.8	MEAN

LOCATION - LAT 66 07 00 N, LONG 128 18 18 W DRAINAGE AREA, 7 410 km² NATURAL FLOW

RAMPARTS RIVER NEAR FORT GOOD HOPE - STATION NO. 10KD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	---	5360 ON MAY 24	1.20 B ON APR 10	1 170 000	1985
1986	437 AT 12:56 MST ON AUG 17	421 ON AUG 17	1.80 B ON APR 18	1 280 000	1986
1987	889 AT 18:16 MST ON MAY 27 *	860 ON MAY 27 *	1.01 B ON APR 15	1 280 000	1987
1988	448 AT 12:04 MST ON SEP 8	436 ON SEP 8	0.5808 ON APR 3 *	1 270 000	1988
				1 250 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

RAT RIVER NEAR FORT MCPHERSON - STATION NO. 10MC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	0	0	0	0	30.3	31.2	56.4	---	---	---	1.03	0.390	---	1981
1982	0.048	0	0	0	2.71	---	---	---	---	2.82	0.473	0.021	---	1982
1983	0	0	0	0	7.63	32.4	8.89	7.05	5.61	2.71	1.13	0.384	5.80	1983
1984	0	0	0	0	21.2	32.1	26.9	28.8	5.02	0.768	0.117	0.002	8.47	1984
1985	0	0	0	0	6.28	31.7	17.2	8.15	11.8	2.82	0.827	0.038	6.55	1985
1986	0	0	0	0	2.65	48.8	12.7	21.8	10.5	3.14	0.888	0.004	8.38	1986
1987	0	0	0	0	18.5	28.5	12.8	17.1	12.1	2.20	1.13	0.372	7.70	1987
1988	0.089	0	0	0.014	5.74	34.4	35.3	17.5	5.22	2.01	0.887	0.312	8.80	1988
MEAN	0.014	0	0	0.002	12.2	33.8	24.0	18.4	8.28	2.34	0.808	0.187	7.77	MEAN

LOCATION - LAT 67 40 37 N DRAINAGE AREA, 1 260 km^2
LONG 136 43 05 W NATURAL FLOW

RAT RIVER NEAR FORT MCPHERSON - STATION NO. 10MC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	168 AT 20:20 MST ON JUL 22	137 ON JUL 22	0B ON JAN 1 *	---	1981
1982	---	---	0B ON JAN 15	---	1982
1983	---	88.0B ON MAY 31	0B ON JAN 1	178 000	1983
1984	171 AT 19:56 MST ON JUL 21	152 ON JUL 21 *	0B ON JAN 1	289 000	1984
1985	151 AT 03:25 MST ON JUN 2	119 ON JUN 1	0B ON JAN 1	208 000	1985
1986	177 AT 04:36 MST ON JUN 7 *	148 ON JUN 7	0B ON JAN 1	284 000	1986
1987	---	120 B ON MAY 30	0B ON JAN 1	243 000	1987
1988	168 AT 19:24 MST ON JUL 18	111 ON JUL 18	0B ON JAN 25	282 000	1988
				245 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

REDSTONE RIVER 63 km ABOVE MOUTH - STATION NO. 10HB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	---	---	32.0R	---	1974
1975	13.7R	10.7R	---	---	---	341R	---	---	---	---	---	---	---	1975
1976	17.4R	16.8R	16.5R	---	---	484R	514R	---	161R	77.1R	31.0R	23.8R	---	1976
1977	20.1R	15.4R	13.1R	---	---	---	---	---	---	---	---	17.8R	---	1977
1978	10.8R	13.8R	14.5R	15.0R	123 R	504R	---	---	132R	71.8R	46.5R	32.0R	---	1978
1979	20.7R	11.1R	11.5R	18.4R	232 R	412R	---	401R	174R	78.0R	32.5R	23.7R	---	1979
1980	20.0R	16.6R	13.6R	12.2R	81.6R	238R	488R	387R	207R	105 R	45.0R	29.4R	137R	1980
1981	22.8R	20.0R	18.7R	18.5R	213 R	250R	250R	180R	127R	83.5R	59.9R	38.3R	110R	1981
1982	24.8R	15.8R	10.6R	15.7R	281 R	703R	478R	575R	283R	131 R	49.8R	33.7R	220R	1982
1983	28.8R	26.4R	26.0R	44.3R	329 R	530R	373R	388R	170R	92.8R	50.9R	21.8R	171R	1983
1984	17.8	15.7	15.2	27.3	116 R	487R	534R	472R	268R	130 R	48.8R	34.2	184R	1984
1985	28.2	25.0	22.7	24.4	326 R	447R	328R	388R	195R	113 R	57.7	41.1	207R	1985
1986	33.2	29.3	26.4	23.4	293	557	542	516	234	84.8	41.8	31.9	212	1986
1987	28.3	25.5	23.8	25.1	187	311	266	294	244	110	52.7	34.5	136	1987
1988	27.0	20.8	16.3	18.8	231	507	597	442	409	137	54.7	31.7	218	1988
MEAN	22.4R	18.8R	17.5R	22.0R	218 R	481R	468R	401R	218R	102 R	48.1R	30.4R	177R	MEAN

LOCATION - LAT 63 55 32 N DRAINAGE AREA, 15 400 km^2
LONG 125 18 02 W NATURAL FLOW

R - REVISED SINCE JAN 01 1987

REDSTONE RIVER 63 km ABOVE MOUTH - STATION NO. 10HB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	928RE ON MAY 27	---	---	1976
1977	---	---	---	---	1977
1978	---	---	10.0 RB ON JAN 15	---	1978
1979	---	---	9.40RB ON FEB 22 *	---	1979
1980	1 320 AT 23:02 MST ON JUL 20	1 190R ON JUL 21	11.5 RB ON APR 12	4 330 000R	1980
1981	573 AT 01:55 MST ON JUN 2	498R ON JUN 2	18.0 RB ON APR 4	3 470 000R	1981
1982	2 170 AT 19:14 MST ON AUG 12	1 030R ON AUG 12	10.0 RB ON MAR 18	6 820 000R	1982
1983	---	1 500RE ON JUN 1	18.9 RB ON DEC 31	5 390 000R	1983
1984	1 920 AT 02:40 MST ON JUN 29	1 660R ON JUN 29	15.1 B ON MAR 11	5 810 000R	1984
1985	---	1 170RE ON JUN 2	22.0 B ON MAR 31	6 540 000R	1985
1986	1 510 AT 11:31 MST ON JUN 25	1 380 ON JUN 25	22.6 B ON APR 20	8 670 000	1986
1987	725 AT 23:55 MST ON MAY 31	644 ON MAY 31	23.5 B ON APR 4	4 280 000	1987
1988	3 970 AT 10:38 MST ON JUL 1 *	3 380 ON JUL 1 *	14.3 B ON MAR 30	8 820 000	1988
				5 880 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

REDSTONE RIVER NEAR THE MOUTH - STATION NO. 10HB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	124	48.1	51.3	---	1963
1964	38.0	27.4	25.8	21.4	---	---	---	---	---	84.6	---	---	---	1964
1965	---	---	---	---	---	285	388	187	153	---	---	---	---	1965
1966	---	---	---	---	---	---	---	---	201	---	---	---	---	1966
1967	---	---	---	---	---	---	---	---	187	---	---	---	---	1967
1968	---	---	---	---	---	435	845	330	306	---	---	---	---	1968
1969	---	18.6	14.2	38.4	117	283	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	274	---	---	283	---	---	---	---	1970
1971	---	---	---	---	---	---	449	351	173	83.5	47.6	34.0	---	1971
1972	12.6	11.3	12.0	---	---	---	---	---	171	84.5	48.6	31.0	---	1972
1973	18.8	13.3	14.0	---	---	---	---	---	---	122	78.1	38.5	---	1973
1974	17.4	13.3	12.8	---	---	---	---	---	---	---	---	---	---	1974
MEAN	21.2	16.2	15.7	28.9	117	317	454	293	209	104	55.1	38.2	---	MEAN

LOCATION - LAT 64 10 55 N
LONG 124 39 52 W
DRAINAGE AREA, 16 400 km^2
NATURAL FLOW

REDSTONE RIVER NEAR THE MOUTH - STATION NO. 10HB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	---	---	20.0B ON APR 22	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	1 340E ON JUL 7 *	---	---	1968
1969	---	---	11.0B ON MAR 18	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	10.0B ON JAN 25 *	---	1972
1973	---	---	13.0B ON FEB 8	---	1973
1974	---	---	12.4B ON MAR 3	---	1974
				---	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RENGLENG RIVER BELOW HIGHWAY NO. 8 - STATION NO. 10LC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	21.0	2.84	2.07	2.33	1.48	0.428	0.188	---	1973
1974	0.028	0.010	0	0.332	2.28	3.47	3.70	0.908	0.898	0.570	0.298	0.158	1.04	1974
1975	0.015	0	0	---	---	24.0	2.80	0.820	0.814	0.402	0.088	0	---	1975
1976	0	0	0	0	5.76	9.89	1.98	18.2	8.38	2.80	1.00	0.248	3.85	1976
1978	0.052	0.004	0	0	0.885	22.0	10.1	3.20	2.13	1.88	0.874	0.283	3.36	1978
1979	0	0	0	0.036	10.2	8.87	3.10	0.887	3.23	2.83	1.01	0.388	2.68	1979
1980	0	0	0	0	36.2	38.4	2.30	0.844	0.857	0.828	0.408	0.212	8.74	1980
1981	0	0	0	0.073	12.2	8.11	4.86	3.38	2.01	1.83	0.801	0.382	2.81	1981
1982	0.048	0	0	0	5.82	23.1	16.8	1.91	0.888	0.372	0.150	0.005	3.98	1982
1983	0	0	0	0	0.330	11.4	1.12	0.277	0.088	0.182	0.185	0.024	1.13	1983
1984	0	0	0	0	12.5	10.0	1.23	0.787	0.881	0.481	0.188	0.012	2.18	1984
1985	0	0	0	0	7.88	8.08	1.00	0.211	0.144	0.044	0	0	1.28	1985
1986	0	0	0	0	0.045	4.08	0.878	0.133	0.378	0.117	0.030	0.004	0.482	1986
1987	0	0	0	0	10.5	17.8	1.28	1.12	1.72	1.83	0.527	0.388	2.80	1987
1988	0.124	0	0	0	8.58	18.1	2.97	1.45	5.82	2.21	0.817	0.270	3.38	1988
MEAN	0.018	0.001	0	0.034	8.73	15.2	3.88	2.22	1.88	1.17	0.438	0.184	2.75	MEAN

LOCATION - LAT 67 45 22 N LONG 133 80 40 W DRAINAGE AREA, 1 310 km² NATURAL FLOW

RENGLENG RIVER BELOW HIGHWAY NO. 8 - STATION NO. 10LC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1973	---	---	---	---	1973
1974	---	7.11B ON MAY 29	0B ON FEB 20 *	32 800	1974
1975	---	---	0B ON JAN 14	---	1975
1976	---	34.0 ON AUG 17	0B ON JAN 1	122 000	1976
1978	51.6A AT 10:50 MST ON JUN 3	50.1 A ON JUN 3	0B ON FEB 10	106 000	1978
1979	23.4 AT 18:00 MST ON MAY 20	21.8 ON MAY 21	0B ON JAN 1	80 800	1979
1980	230 AT 03:00 MST ON MAY 27 *	205 ON MAY 28 *	0B ON JAN 1	213 000	1980
1981	---	21.0 ON MAY 18	0B ON JAN 1	81 900	1981
1982	---	59.3 ON MAY 30	0B ON JAN 14	126 000	1982
1983	28.4 AT 13:38 MST ON JUN 2	27.6 ON JUN 2	0B ON JAN 1	35 500	1983
1984	---	39.5 B ON MAY 22	0B ON JAN 1	88 400	1984
1985	---	30.0 B ON MAY 25	0B ON JAN 1	38 700	1985
1986	---	7.46E ON JUN 7	0B ON JAN 1	14 300	1986
1987	---	101 B ON MAY 28	0B ON JAN 1	81 800	1987
1988	36.0 AT 10:18 MST ON JUN 2	34.8 ON JUN 2	0B ON JAN 26	107 000	1988
				88 800	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROOT RIVER NEAR THE MOUTH - STATION NO. 10GA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	88.2	25.8	18.3	---	1974
1975	12.4	8.50	8.57	18.3	188	280	208	287	128	108	28.4	13.2	107	1975
1976	12.3	10.4	8.63	42.6	481	148	158	141	103	73.8	17.5	8.47	88.8	1976
1977	8.61	8.48	7.88	8.38	121	183	145	79.3	88.2	38.8	13.2	8.24	88.1	1977
1978	8.63	8.48	4.88	8.34	128	200	282	108	88.5	37.2	18.8	11.1	72.0	1978
1979	8.23	4.45	2.51	2.80	210	133	188	181	88.8	80.8	10.8	4.10	72.8	1979
1980	3.31	4.48	8.87	51.7	123	70.0	127	143	80.8	51.8	22.2	10.1	88.8	1980
1981	8.73	8.24	8.03	15.8	183	108	138	84.7	88.8	82.2	24.4	17.1	88.8	1981
1982	8.82	8.88	8.84	8.15	388	410	248	401	288	108	34.8	25.8	181	1982
1983	14.2	11.4	10.8	13.8	227	217	102	208	72.3	38.0	18.2	13.1	78.8	1983
1984	8.88	8.47	8.88	14.8	74.7	223	283	202	203	88.1	21.8	18.8	81.8	1984
1985	15.0	13.8	10.8	8.42	381	338	248	187	88.3	84.8	22.8	20.8	113	1985
1986	18.1	14.8	12.4	17.4	388	388	248	307	148	88.8	28.1	23.8	137	1988
1987	18.8	18.3	13.8	32.0	181	111	88.8	82.4	77.8	34.8	17.8	11.8	88.8	1987
1988	10.8	8.84	8.38	88.2	213	288	858	188	134	48.3	38.7	22.3	140	1988
MEAN	11.0	8.37	8.44	23.4	227	218	223	178	118	80.0	22.8	14.8	82.8	MEAN

LOCATION - LAT 82 28 34 N LONG 123 38 48 W DRAINAGE AREA, 8 820 km² NATURAL FLOW

REMARKS - FLOWS ABOVE 1000 m³/s WERE ESTIMATED AND SHOULD BE USED WITH DISCRETION

ROOT RIVER NEAR THE MOUTH - STATION NO. 10CA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	900RE ON AUG 8	8.30B ON MAR 30	3 380 000	1975
1976	---	1 300RE ON MAY 27	8.38B ON DEC 30	3 120 000	1976
1977	895 AT 03:50 MST ON JUN 30	821 ON JUN 30	5.75B ON DEC 28	1 740 000	1977
1978	1 550E AT 06:10 MST ON JUL 25	1 220E ON JUL 25	4.63B ON APR 4	2 300 000	1978
1979	1 550E AT 18:50 MST ON JUL 2	884A ON JUL 2	2.30B ON APR 3 *	2 330 000	1979
1980	768 AT 05:30 MST ON AUG 4	841 ON AUG 4	3.20B ON JAN 10	1 880 000	1980
1981	---	330A ON JUL 23	8.00B ON MAR 11	1 780 000	1981
1982	2 400E AT 04:37 MST ON AUG 12	1 870E ON AUG 12	8.50B ON FEB 11	5 050 000	1982
1983	1 360E AT 15:20 MST ON AUG 2	831 ON AUG 2	10.2 B ON APR 20	2 510 000	1983
1984	1 180E AT 12:27 MST ON JUN 20	884 ON JUN 20	8.85B ON MAR 20	2 800 000	1984
1985	2 240E AT 04:25 MST ON MAY 22	1 590E ON MAY 22	7.50B ON APR 12	3 880 000	1985
1986	2 860E AT 08:38 MST ON JUN 26	2 240 ON JUN 26	12.0 B ON MAR 26	4 330 000	1986
1987	---	340B ON MAY 2	11.0 B ON NOV 2	1 780 000	1987
1988	7 400 AT 20:42 MST ON JUL 1 *	5 730A ON JUL 1 *	8.00B ON APR 7	4 410 000	1988
				2 830 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

SAHNDAA CREEK AT HIGHWAY NO. 1 - STATION NO. 10CC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	0.004	0.001	0	0.013	15.2	7.44	2.80	11.6	8.14	1.88	0.484	0.034	3.88	1982
1983	0	0.005	0.010	0.286	10.4	2.84	0.152	0.231	0.044	0.048	0.004	0	1.18	1983
1984	0	0	0	0.353	1.77	0.483	3.01	1.78	2.10	0.738	0.018	0.001	0.886	1984
1985	0	0	0	0	10.7	1.70	3.43	1.31	0.287	0.211	0.027	0.001	1.48	1985
1986	0	0	0	0	8.52	3.81	4.15	5.21	1.02	1.48	0.184	0	2.22	1986
1987	0.001	0.001	0.001	0.711	3.71	0.883	0.447	0.188	0.122	0.148	0.050	0.017	0.534	1987
1988	0.003	0	0	0.304	8.15	5.01	13.9	0.305	1.87	0.887	0.208	0.082	2.88	1988
MEAN	0.001	0.001	0.002	0.238	8.48	3.20	3.98	3.03	3.04	0.738	0.142	0.019	1.84	MEAN

LOCATION - LAT 62 03 43 N, LONG 122 12 38 W
DRAINAGE AREA, 251 km^2
NATURAL FLOW

SAHNDAA CREEK AT HIGHWAY NO. 1 - STATION NO. 10CC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	39.7 ON SEP 10	0 B ON MAR 8 *	125 000	1982
1983	25.8 AT 21:28 MST ON MAY 29	24.8 ON MAY 29	0 B ON JAN 1	37 600	1983
1984	17.8 AT 13:02 MST ON JUL 3	18.7 ON JUL 3	0 B ON JAN 1	27 300	1984
1985	28.8 AT 00:00 MST ON MAY 18	28.1 ON MAY 18	0 B ON JAN 1	47 100	1985
1986	29.7B AT 21:55 MST ON MAY 10	27.6 ON MAY 11	0 B ON JAN 1	88 800	1986
1987	17.4B AT 10:18 MST ON MAY 3	15.5B ON MAY 3	0.001B ON JAN 1	18 800	1987
1988	149 AT 21:49 MST ON JUL 1 *	115 A ON JUL 1 *	0 B ON JAN 26	81 800	1988
				87 900	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SAOVAOJUAC RIVER ABOVE SAOVAOJUAC INLET - STATION NO. 09DA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	3.61	---	---	---	---	---	1978
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1980	---	---	---	---	---	---	18.8	8.28	---	---	---	---	---	1980
1981	---	---	---	---	---	38.3	12.8	2.08	---	---	---	---	---	1981
MEAN	---	---	---	---	---	38.3	14.7	4.68	---	---	---	---	---	MEAN

LOCATION - LAT 63 43 02 N, LONG 90 37 12 W
DRAINAGE AREA, 807 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - FRESHWATER INSTITUTE (DFO) (CANADA)

SAOVAOJUAC RIVER ABOVE SAOVAOJUAC INLET - STATION NO. 09DA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	---	37.1 ON JUN 8	0A ON MAY 20 *	---	1979
1980	---	42.2 ON SEP 12	0 ON MAY 31	---	1980
1981	---	78.4A ON JUN 18 *	0 ON JUN 1	---	1981
				---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEEPAGE CREEK AT NORMAN WELLS - STATION NO. 10KA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.092	0.888	0.150	---	---	---	---	1974
1975	0	0	0	0	1.41	0.118	0.015	0	0	0	0	0	0.130	1975
1976	0	0	0	0.024	0.377	0.142	0.005	0	0	0	0	0	0.047	1976
1977	0	0	0	0.005	0.503	0.014	0.001	0	0	0	0	0	0.044	1977
1978	0	0	0	0	0.024	0.089	0.036	0.003	0.002	0.001	0	0	0.014	1978
MEAN	0	0	0	0.010	0.678	0.093	0.030	0.134	0.030	0	0	0	0.088	MEAN

LOCATION - LAT 65 15 50 N LONG 125 43 30 W
DRAINAGE AREA, 30.8 km²
NATURAL FLOW

SEEPAGE CREEK AT NORMAN WELLS - STATION NO. 10KA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	---	---	---	1974
1975	---	0.47 E ON MAY 8 *	0S ON JAN 1 *	4 110	1975
1976	0.805 AT 19:00 MST ON MAY 10 *	0.897 ON MAY 10	0S ON JAN 1	1 480	1976
1977	---	1.48 E ON MAY 8	0S ON JAN 1	1 400	1977
1978	0.235 AT 14:10 MST ON JUN 11	0.237 ON JUN 11	0S ON JAN 1	433	1978
				? 880	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SILVERBERRY RIVER NEAR LITTLE DAL LAKE - STATION NO. 10NB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	10.1	1.86	0.388	---	1980
1982	0.889	0.834	0.474	0.821	9.38	98.2	78.2	70.2	30.2	9.83	3.00	2.82	25.3	1982
1983	2.45	2.06	1.74	1.86	10.8	83.0	85.0	58.5	18.4	3.83	0.7380	0.8B3	20.8	1983
1984	0.376	0.148	0.072	1.18	7.08	72.8	74.1	41.3	17.3	5.84	2.18	1.18	18.8	1984
1985	0.988	0.881	0.881	0.474	8.25	98.7	101	60.4	16.8	4.23	2.37	1.80	18.3	1985
1986	1.20	0.372	0.103	0.818	7.43	78.8	87.6	38.3	18.2	5.87	2.86	2.14	21.1	1986
1987	1.88	0.868	0.878	0.845	10.8	88.4	80.1	62.6	43.8	18.8	3.03	2.08	21.1	1987
1988	0.881	0.384	0.473	2.31	15.4	88.1	83.8	46.8	27.1	8.40	4.82	2.88	21.8	1988
MEAN	1.18	0.727	0.872	1.10	8.88	72.1	81.8	48.3	23.8	7.82	2.83	1.72	21.1	MEAN

LOCATION - LAT 82 48 58 N LONG 126 41 32 W
DRAINAGE AREA, 1 420 km²
NATURAL FLOW

SILVERBERRY RIVER NEAR LITTLE DAL LAKE - STATION NO. 10NB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	---	---	---	---	1980
1982	224 AT 05:11 MST ON JUN 20	188 ON JUN 20	0.4808 ON MAR 18	787 000	1982
1983	182 AT 00:18 MST ON JUN 3	163 ON JUN 1	0.8008 ON DEC 22	848 000	1983
1984	181 AT 05:12 MST ON JUN 24	147 ON JUN 28	0.0808 ON MAR 18 *	888 000	1984
1985	283 AT 09:22 MST ON JUL 8 *	210 ON JUL 8	0.5008 ON FEB 28	804 000	1985
1986	---	186 ON JUL 22	0.0428 ON FEB 26	888 000	1986
1987	156 AT 03:57 MST ON JUN 22	130 ON JUN 22	0.3488 ON APR 13	888 000	1987
1988	---	228A ON JUN 30 *	0.1888 ON MAR 3	884 000	1988
				888 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SIURAQ CREEK NEAR OUTLET TO KAZAN RIVER - STATION NO. 08LC003

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	34.5	6.88	1.07	0.783	0.317	0	0	---	1978
1980	0	0	0	0	19.8	10.2	3.18	3.67	12.8	0.880	0.185	---	7.88	1980
1981	---	---	0	0	---	---	---	4.00	4.08	2.87	0.883	---	---	1981
1982	---	---	0	0	0	17.8	7.88	1.21	10.8	8.88	0.143	---	7.20	1982
1983	---	---	---	---	0	---	3.13	8.18	18.0	8.02	---	---	---	1983
1984	0	0	0	0	0.048	88.2	13.8	6.88	24.8	8.00	0.401	0	23.1	1984
1985	0	0	0	0	0.100	88.0	17.8	10.2	8.32	3.78	0.783	0.111	17.0	1985
1986	---	---	---	---	7.82	80.8	8.04	2.18	2.28	0.874	0.137	0.004	12.0	1986
1987	0	0	0	0	0.018	78.2	18.4	2.41	1.30	0.828	0.327	0	18.8	1987
1988	0	0	0	0	0.008	88.3	10.1	1.90	1.84	2.80	0.381	0	18.8	1988
MEAN	0	0	0	0	3.12	88.8	10.3	4.48	8.18	3.28	0.344	0.018	14.8	MEAN

LOCATION - LAT 82 38 08 N LONG 88 31 32 W
DRAINAGE AREA, 1 480 km²
NATURAL FLOW

SIURAQ CREEK NEAR OUTLET TO KAZAN RIVER - STATION NO. 08LC003

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	---	33.8 ON MAY 14	0.0808 ON MAY 1	122 000	1980
1981	---	---	0 B ON MAY 1 *	---	1981
1982	---	36.8 ON JUN 14	0 B ON MAY 1	115 000	1982
1983	---	---	0 B ON MAY 1	---	1983
1984	---	300 B ON JUN 8	0 B ON MAY 1	397 000	1984
1985	---	270 B ON JUN 13	0 B ON MAY 1	270 000	1985
1986	---	180 B ON JUN 3	0 B ON MAY 1	191 000	1986
1987	---	284 ON JUN 15	0 B ON MAY 1	285 000	1987
1988	---	450 B ON JUN 10 *	0 B ON MAY 1	287 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		233 000	MEAN

SLAVE RIVER (EAST CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	9.81	4.80	1.85	5.24	40.3	36.2	35.9	32.4	31.1	32.9	27.9	15.9	22.9	1980
MEAN	9.81	4.80	1.85	5.24	40.3	36.2	35.9	32.4	31.1	32.9	27.9	15.9	22.9	MEAN

LOCATION - LAT 61 17 55 N
LONG 113 38 10 W REGULATED SINCE 1968

REMARKS - DISCHARGES WERE ADJUSTED FOR SOME PERIODS DURING OPEN WATER TO COMPENSATE FOR BACKWATER DUE TO WIND

SLAVE RIVER (EAST CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	51.08 ON MAY 1 *	1.708 ON MAR 28 *	724 000	1980
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		724 000	MEAN

SLAVE RIVER (MIDDLE CHANNEL EAST) NEAR FORT RESOLUTION - STATION NO. 07NC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	10.5	5.85	2.85	4.87	32.7	28.8	28.7	23.4	25.4	28.0	28.1	14.7	19.2	1980
MEAN	10.5	5.85	2.85	4.87	32.7	28.8	28.7	23.4	25.4	28.0	28.1	14.7	19.2	MEAN

LOCATION - LAT 61 17 25 N
LONG 113 39 10 W REGULATED SINCE 1968

REMARKS - DISCHARGES WERE ADJUSTED FOR SOME PERIODS DURING OPEN WATER TO COMPENSATE FOR BACKWATER DUE TO WIND

SLAVE RIVER (MIDDLE CHANNEL EAST) NEAR FORT RESOLUTION - STATION NO. 07NC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	42.18 ON MAY 1 *	2.988 ON MAR 19 *	607 000	1980
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		607 000	MEAN

SLAVE RIVER (MIDDLE CHANNEL WEST) NEAR FORT RESOLUTION - STATION NO. 07NC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	125	105	81.7	98.4	151	141	142	138	153	174	155	116	132	1980
MEAN	125	105	81.7	98.4	151	141	142	138	153	174	155	116	132	MEAN

LOCATION - LAT 61 18 20 N
LONG 113 40 00 W REGULATED SINCE 1968

REMARKS - DISCHARGES WERE ADJUSTED FOR SOME PERIODS DURING OPEN WATER TO COMPENSATE FOR BACKWATER DUE TO WIND

SLAVE RIVER (MIDDLE CHANNEL WEST) NEAR FORT RESOLUTION - STATION NO. 07NC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	2588 ON APR 30 *	78.08 ON MAR 24 *	4 170 000	1980
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 170 000	MEAN

SLAVE RIVER (OLD STEAMBOAT CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	20.0	17.8	15.3	21.5	37.4	38.5	41.1	43.5	53.9	84.7	48.5	23.4	35.1	1980
MEAN	20.0	17.8	15.3	21.5	37.4	38.5	41.1	43.5	53.9	84.7	48.5	23.4	35.1	MEAN

LOCATION - LAT 61 15 00 N
LONG 113 37 24 W REGULATED SINCE 1968

REMARKS - DISCHARGES WERE ADJUSTED FOR SOME PERIODS DURING OPEN WATER TO COMPENSATE FOR BACKWATER DUE TO WIND

SLAVE RIVER (OLD STEAMBOAT CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	88.5 ON OCT 19 *	11.19 ON MAR 27 *	1 110 000	1980
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 110 000	MEAN

SLAVE RIVER (RESDELTA CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	1 780	1 830	1 720	1 700	2 800	2 850	3 130	2 710	2 570	2 480	2 010	1 380	2 240	1980
MEAN	1 780	1 830	1 720	1 700	2 800	2 850	3 130	2 710	2 570	2 480	2 010	1 380	2 240	MEAN

LOCATION - LAT 61 17 05 N
LONG 113 34 55 W REGULATED SINCE 1968

REMARKS - DISCHARGES WERE ADJUSTED FOR SOME PERIODS DURING OPEN WATER TO COMPENSATE FOR BACKWATER DUE TO WIND

SLAVE RIVER (RESDELTA CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	3 430 ON JUL 5 *	1 1108 ON DEC 15 *	70 800 000	1980
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		70 800 000	MEAN

SLAVE RIVER (WEST CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	23.4	20.4	18.8	28.8	54.3	50.8	52.6	50.7	49.8	50.1	45.0	34.1	39.8	1980
MEAN	23.4	20.4	18.8	28.8	54.3	50.8	52.6	50.7	49.8	50.1	45.0	34.1	39.8	MEAN

LOCATION - LAT 61 15 50 N
LONG 113 37 10 W REGULATED SINCE 1968

REMARKS - DISCHARGES WERE ADJUSTED FOR SOME PERIODS DURING OPEN WATER TO COMPENSATE FOR BACKWATER DUE TO WIND

SLAVE RIVER (WEST CHANNEL) NEAR FORT RESOLUTION - STATION NO. 07NC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	84.8E ON MAY 1 *	18.18 ON MAR 23 *	1 250 000	1980
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 250 000	MEAN

SLOAN RIVER NEAR THE MOUTH - STATION NO. 10JE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	4.85	3.84	---	---	---	1976
1977	---	---	---	---	---	---	21.4	8.73	5.40	4.42	3.58	1.71	---	1977
1978	0.882	0.349	0.002	0.007	3.63	---	30.4	11.6	6.41	4.88	2.94	0.825	---	1978
1979	0.081	0	0	0	6.31	41.7	21.0	9.83	5.98	3.81	2.84	1.28	7.71	1979
1980	0.842	0.424	0.316	0.169	24.7	78.2	19.2	9.24	5.43	4.28	2.81	1.41	12.2	1980
1981	---	---	---	---	---	88.2	40.1	18.1	18.1	24.4	10.4	4.88	---	1981
1982	3.05	2.43	1.02	0.043	8.68	84.3	43.2	13.7	7.88	6.06	3.01	1.88	14.3	1982
1983	1.21	0.859	0.054	0.574	0.779	101	52.5	21.4	30.4	31.1	15.4	7.38	23.8	1983
1984	3.82	2.83	1.80	1.11	12.0	86.8	33.8	17.5	18.2	10.0	6.57	3.28	18.1	1984
1985	2.02	0.949	0.114	0	5.51	33.7	17.5	13.3	11.2	7.24	3.78	1.80	8.13	1985
1986	0.826	0	0	0.095	7.27	88.3	48.1	13.5	8.44	4.61	3.42	2.17	14.7	1986
1987	0.458	0	0	0	1.60	58.1	42.5	14.1	9.89	7.27	5.08	3.36	12.1	1987
1988	2.57	0.581	0.322	0.262	0.237	31.0	22.8	11.0	13.6	15.5	15.2	8.58	10.5	1988
MEAN	1.63	0.826	0.404	0.224	6.86	67.3	33.5	13.8	10.6	10.1	6.33	3.38	13.2	MEAN

LOCATION - LAT 68 31 19 N DRAINAGE AREA, 2 040 km²
LONG 117 16 26 W NATURAL FLOW

SLOAN RIVER NEAR THE MOUTH - STATION NO. 10JE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	49.0 AT 23:50 MST ON JUN 24	48.4 ON JUN 24	0 B ON MAR 5 *	---	1978
1979	50.5 AT 14:30 MST ON JUN 13	49.8 ON JUN 13	0 B ON JAN 15	243 000	1979
1980	117 AT 02:55 MST ON JUN 5	117 ON JUN 5	0.1418 ON APR 17	386 000	1980
1981	---	80.3 ON JUN 11	---	---	1981
1982	113 AT 18:08 MST ON JUN 20	107 ON JUN 21	0 B ON APR 16	453 000	1982
1983	198 AT 04:53 MST ON JUN 24 *	197 ON JUN 24 *	0.5505 ON MAY 3	721 000	1983
1984	123 AT 20:30 MST ON JUN 12	122 ON JUN 13	1.01 B ON APR 13	508 000	1984
1985	39.5 AT 16:26 MST ON JUN 7	36.5 ON JUN 7	0 B ON MAR 15	256 000	1985
1986	114 AT 11:46 MST ON JUN 18	113 ON JUN 18	0 B ON JAN 31	484 000	1986
1987	61.6 AT 11:21 MST ON JUN 24	61.2 ON JUN 24	0 B ON JAN 25	383 000	1987
1988	---	41.8 ON JUN 25	0.1848 ON MAY 27	332 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		418 000	MEAN

SNARE RIVER AT BIGSPRUCE LAKE - STATION NO. 07SA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	---	---	---	---	---	---	---	---	---	34.5	36.1	30.8	---	1949
1950	19.7	20.8	17.7	17.3	30.8	37.1	38.1	43.8	56.4	38.4	30.8	28.1	28.8	1950
1951	22.0	22.3	19.6	16.5	26.1	33.0	64.6	76.7	83.3	38.4	28.2	25.7	37.2	1951
1952	25.6	23.0	20.2	22.7	47.8	93.9	87.7	81.1	47.2	46.2	40.6	37.0	46.6	1952
1953	31.7	27.6	23.7	21.0	25.5	34.0	57.8	83.2	80.8	61.2	64.2	62.6	43.7	1953
1954	41.1	32.3	26.2	23.2	31.3	38	64.5	68.7	41.6	38.0	39.6	41.8	39.6	1954
1955	36.1	33.1	28.5	24.4	38.0	147	148	84.1	84.8	43.8	38.7	33.4	58.1	1955
1956	28.8	25.9	21.6	18.8	20.2	35.3	43.7	55.2	52.0	41.2	51.8	45.7	36.8	1956
1957	38.9	30.7	26.8	32.3	28.8	16.1	171	161	78.4	50.8	40.8	36.0	81.0	1957
1958	32.8	27.8	22.7	21.5	36.1	60.8	87.0	84.2	38.4	36.0	44.7	35.2	41.8	1958
1959	33.3	31.8	30.2	28.9	29.1	32.2	114	152	87.6	71.5	61.2	36.7	64.1	1959
1960	32.2	27.8	24.0	21.2	84.2	105	147	85.4	60.0	45.0	83.7	41.8	58.0	1960
1961	42.7	57.9	54.5	63.3	37.4	83.0	109	80.7	46.0	31.8	27.6	24.4	53.0	1961
1962	23.1	19.1	18.1	13.6	23.8	38.1	81.8	62.8	63.3	60.8	36.6	31.8	39.3	1962
1963	36.2	33.8	32.2	30.0	32.8	36.3	104	115	76.9	64.4	61.3	56.8	55.5	1963
1964	46.8	38.2	28.4	26.9	81.8	101	200	110	68.4	46.7	37.8	33.2	85.0	1964
1965	26.0	24.2	21.3	19.3	24.4	33.4	87.8	76.7	43.7	46.3	40.3	38.4	36.8	1965
1966	33.0	30.8	22.4	17.8	32.0	86.2	107	76.4	55.8	38.8	33.7	29.5	44.8	1966
1967	26.0	22.8	20.0	16.5	20.4	31.0	81.1	88.7	81.2	68.8	70.0	65.5	50.4	1967
1968	48.8	34.8	26.6	21.8	31.8	83.0	136	108	85.1	54.0	42.2	33.8	64.8	1968
1969	29.1	23.7	21.2	19.2	48.7	40.3	94.0	86.0	89.8	110	85.6	66.8	56.0	1969
1970	47.8	33.1	26.8	22.7	28.8	35.4	88.2	83.1	73.8	60.7	80.7	62.0	51.3	1970
1971	41.8	30.3	25.8	26.2	84.4	122	127	88.8	88.8	43.8	40.8	43.3	58.2	1971
1972	36.2	33.1	27.7	18.2	33.7	88.7	159	100	84.8	41.3	39.0	31.1	53.8	1972
1973	28.8	30.3	18.4	10.7	38.0	88.0	83.3	47.3	38.8	38.2	34.3	30.8	37.8	1973
1974	26.0	26.7	20.8	23.2	27.4	38.8	85.7	138	137	88.8	67.8	57.8	63.1	1974
1975	48.8	36.0	28.8	22.8	63.7	120	138	78.8	48.7	35.1	33.1	30.0	57.0	1975
1976	32.3	17.3	20.8	21.3	23.2	28.1	62.8	66.2	31.9	27.8	18.4	18.4	27.2	1976
MEAN	33.5	28.0	24.9	22.3	34.3	67.8	98.8	83.8	61.3	51.1	46.0	38.7	48.7	MEAN

LOCATION - LAT 63 30 43 N DRAINAGE AREA, 15 200 km²
LONG 118 00 31 W REGULATED SINCE 1948

SNARE RIVER AT BIGSPRUCE LAKE - STATION NO. 07SA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1949	---	---	---	218 000	1949
1950	---	---	---	939 000	1950
1951	---	---	---	1 170 000	1951
1952	---	---	---	1 440 000	1952
1953	---	---	---	1 380 000	1953
1954	---	---	---	1 250 000	1954
1955	---	---	---	1 880 000	1955
1956	---	---	---	1 220 000	1956
1957	---	---	---	1 820 000	1957
1958	---	---	---	1 320 000	1958
1959	---	---	---	1 770 000	1959
1960	---	---	---	1 670 000	1960
1961	---	---	---	1 670 000	1961
1962	---	---	---	1 240 000	1962
1963	---	---	---	1 750 000	1963
1964	---	---	---	2 080 000	1964
1965	---	---	---	1 210 000	1965
1966	---	---	---	1 410 000	1966
1967	---	---	---	1 880 000	1967
1968	---	---	---	1 730 000	1968
1969	---	---	---	1 730 000	1969
1970	---	---	---	1 620 000	1970
1971	---	---	---	1 770 000	1971
1972	---	---	---	1 700 000	1972
1973	---	---	---	1 180 000	1973
1974	---	---	---	1 880 000	1974
1975	---	---	---	1 800 000	1975
1976	---	---	---	881 000	1976
				1 480 000	MEAN

SNARE RIVER BELOW BIGSPRUCE LAKE - STATION NO. 07SA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	16.8	23.2	28.7	33.8	39.1	44.3	46.2	43.2	---	1945
1946	36.7	30.8	26.7	24.7	26.5	39.2	46.8	54.4	42.8	34.2	34.2	34.4	35.0	1946
1947	20.4	17.0	14.3	12.0	17.7	24.2	48.9	104	82.8	---	---	---	---	1947
MEAN	28.6	23.9	20.5	18.4	21.0	28.8	42.3	64.0	58.3	39.3	37.2	33.8	35.0	MEAN

LOCATION - LAT 63 30 43 N DRAINAGE AREA, 15 500 km^2
LONG 116 00 21 W NATURAL FLOW

SNARE RIVER BELOW BIGSPRUCE LAKE - STATION NO. 07SA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	46.4E ON NOV 11	---	---	1945
1946	---	57.8 ON AUG 4	22.3E ON DEC 31	1 100 000	1946
1947	---	120 E ON SEP 3 *	11.1 ON APR 30 *	---	1947
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 100 000	MEAN

E - ESTIMATED

SNARE RIVER BELOW GHOST RIVER - STATION NO. 07SA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	---	---	---	55.5	52.4	42.0	---	1947
1948	33.1	23.7	17.4	13.4	16.1	27.8	88.2	111	103	90.8	73.4	55.0	54.8	1948
1949	41.0	31.8	26.5	24.2	25.7	55.8	108	87.7	78.2	---	---	---	---	1949
1984	---	---	---	---	---	---	---	159	108	81.7	62.0	48.1	---	1984
1985	37.5	29.8	23.4	18.5	28.2	128	158	125	95.1	72.8	58.1	46.0	68.4	1985
1986	35.0	28.8	23.0	19.0	24.3	131	186	118	85.7	66.7	53.4	42.8	58.1	1986
1987	34.4	28.1	23.1	19.0	23.3	81.2	127	86.4	68.0	52.3	43.8	39.8	51.8	1987
1988	34.0	28.3	22.1	17.2	14.8	37.2	147	131	98.1	83.8	76.1	62.0	62.8	1988
MEAN	36.8	28.4	22.8	18.8	22.1	73.2	136	120	81.2	73.3	58.7	47.8	61.1	MEAN

LOCATION - LAT 63 56 30 N DRAINAGE AREA, 13 300 km^2
LONG 116 26 02 W NATURAL FLOW

SNARE RIVER BELOW GHOST RIVER - STATION NO. 07SA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	--- *	112E ON JUL 27	12.9E ON APR 8 *	1 730 000	1948
1949	---	110E ON JUL 11	23.6E ON APR 21	---	1949
1984	---	---	---	---	1984
1985	180 AT 08:01 MST ON JUL 2	180 ON JUL 2	16.6 ON MAY 5	2 180 000	1985
1986	225 AT 15:56 MST ON JUL 3 *	224 ON JUL 3 *	17.1 ON MAY 5	2 180 000	1986
1987	137 AT 21:23 MST ON JUL 13	136 ON JUL 13	17.7 ON APR 29	1 830 000	1987
1988	170 AT 21:05 MST ON JUL 22	170 ON JUL 23	14.0 ON MAY 17	1 850 000	1988
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 930 000	MEAN

SNOWBIRD CREEK NEAR BRADFORD ISLAND - STATION NO. 10VC013

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	0.212	3.04	0.310	---	---	---	---	---	1978
MEAN	---	---	---	---	---	0.212	3.04	0.310	---	---	---	---	---	MEAN

LOCATION - LAT 75 37 52 N, LONG 101 18 02 W DRAINAGE AREA, 87.0 km^2, NATURAL FLOW

REMARKS - ADDITIONAL HYDROLOGIC AND GEOMORPHOLOGIC DATA ARE AVAILABLE

SNOWBIRD CREEK NEAR BRADFORD ISLAND - STATION NO. 10VC013

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	7.48 ON JUL 20 *	0B ON JUN 1 *	---	1978
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

SNOWDRIFT RIVER AT OUTLET OF SILTAZA LAKE - STATION NO. 07QB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	7.82	80.1	76.7	44.9	26.3	18.0	15.3	13.2	8.84	---	1976
1977	8.78	8.82	4.86	3.88	114	103	43.4	29.3	28.1	27.8	24.2	19.3	34.6	1977
1978	15.4	12.6	10.0	7.80	76.8	144	81.5	44.8	28.0	18.3	17.3	13.4	38.3	1978
1979	10.6	8.18	6.82	6.14	70.0	141	87.9	30.3	33.2	17.7	14.1	9.87	33.0	1979
1980	8.88	8.82	8.19	7.02	88.8	33.5	18.2	14.5	22.7	23.8	21.0	12.6	20.0	1980
1981	8.84	7.28	6.81	6.10	81.7	101	76.2	60.3	46.2	38.7	28.4	20.8	40.8	1981
1982	13.7	9.20	7.13	5.94	11.1	124	81.3	35.8	51.5	60.7	38.3	28.1	37.2	1982
1983	16.2	13.0	9.17	7.08	12.5	147	88.8	82.2	82.7	82.5	86.1	37.8	48.8	1983
1984	21.1	13.8	10.8	14.8	108	87.8	81.4	80.8	38.0	30.3	28.9	24.3	40.9	1984
1985	16.2	11.1	8.47	8.14	127	133	88.0	46.8	33.4	21.7	16.8	12.8	42.5	1985
1986	8.78	7.88	6.47	5.82	80.2	141	84.2	48.6	30.8	22.3	18.9	11.6	38.7	1986
1987	8.78	6.23	7.35	8.80	43.8	118	70.0	46.7	82.8	88.2	38.0	30.8	41.8	1987
1988	21.1	16.1	11.2	8.14	16.3	328	144	86.8	87.2	73.4	48.8	30.3	70.8	1988
MEAN	13.2	8.78	7.80	7.48	87.7	129	87.1	44.7	41.8	37.7	28.0	20.0	40.8	MEAN

LOCATION - LAT 82 10 21 N, LONG 109 51 38 W DRAINAGE AREA, 8 110 km^2, NATURAL FLOW

SNOWDRIFT RIVER AT OUTLET OF SILTAZA LAKE - STATION NO. 07QB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	118 E ON MAY 25	---	---	1976
1977	---	226 E ON MAY 15	3.68B ON APR 27 *	1 090 000	1977
1978	210 AT 20:00 MST ON JUN 7	204 ON JUN 7	7.38B ON APR 17	1 240 000	1978
1979	281 AT 22:00 MST ON MAY 30	285 ON MAY 30	6.79B ON MAY 9	1 040 000	1979
1980	---	85.1 ON MAY 8	5.03B ON APR 14	832 000	1980
1981	---	203 ON MAY 26	6.94E ON APR 26	1 280 000	1981
1982	---	182 E ON JUN 10	5.04B ON MAY 15	1 170 000	1982
1983	218 AT 03:16 MST ON JUN 12	218 ON JUN 12	6.04B ON MAY 15	1 880 000	1983
1984	160 AT 18:46 MST ON MAY 22	148 ON MAY 22	6.08 ON APR 16	1 290 000	1984
1985	---	250 ON MAY 22	8.00B ON APR 27	1 340 000	1985
1986	285 AT 18:12 MST ON MAY 29	284 ON MAY 28	6.25B ON APR 25	1 250 000	1986
1987	168 AT 18:50 MST ON JUN 4	155 ON JUN 5	6.55 ON APR 19	1 320 000	1987
1988	548 AT 22:04 MST ON JUN 11 *	531 ON JUN 12 *	6.78B ON MAY 11	2 240 000	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 290 000	MEAN

SOUTH NAHANNI RIVER ABOVE CLAUSEN CREEK - STATION NO. 10EC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	882R	829R	742R	423R	214	---	---	---	1969
1970	---	---	---	---	---	1 130R	983R	---	---	---	---	---	---	1970
1971	---	---	---	---	---	1 210R	814	523	321	---	---	---	---	1971
1972	---	---	---	---	---	1 780R	1 800R	851	358	195R	102 R	77.6R	---	1972
1973	58.4R	46.1R	47.7R	81.8R	878R	1 380	748	583	540	192	115	82.8	398R	1973
1974	61.0	55.8	49.0	59.4R	561R	1 390	883	1 130	631	195	99.5	109	429R	1974
1975	61.0	58.0	59.7	63.3	851	1 550	1 080	825	448	305R	123 R	86.2R	437R	1975
1976	76.5R	65.1R	58.0R	130 R	907	1 150	1 170	708	377	225	133 R	101	428R	1976
1977	62.4	56.5	56.7	63.0	812	1 280	882	695	515	228R	78.0R	72.5	405R	1977
1978	71.5R	63.0R	57.3R	52.8R	388R	1 050	1 170	887	336	239	136 R	82.3R	384R	1978
1979	70.0R	58.3R	53.0R	58.8R	827R	1 430	1 100	728	441R	218R	93.8R	78.8R	415R	1979
1980	76.6R	65.1R	63.1R	93.8R	505	850	804	804	488	382	135	110	385R	1980
1981	67.1	64.3	58.5	61.7R	778R	1 030R	840	454	414	207	110 R	99.6R	338R	1981
1982	71.5R	60.9R	45.4R	52.2R	488R	1 260	763	641	395	207	110 R	86.8R	350R	1982
1983	75.5R	59.3R	57.5	58.6	481	1 350	788	671	428	195	85.0	71.4	377R	1983
1984	62.8	50.0	53.5	67.3	484	1 240	925	898	416	192	86.8	86.7	383	1984
1985	67.7	58.7	58.1	58.8	514	1 170	1 150	842	371	207	108	88.8	377	1985
1986	61.8	61.0	57.2	58.7	880	1 480	1 220	878	427	261	138	107	442	1986
1987	76.6	58.1	51.8	64.2	514	1 180	832	883	556	318	136	98.3	395	1987
1988	79.3	65.3	59.6	73.7	889	1 180	1 380	834	835	380	171	135	469	1988
MEAN	73.2R	60.0R	56.5R	74.6R	614R	1 260R	991R	716R	442R	240R	118 R	94.1R	386R	MEAN

LOCATION - LAT 61 16 19 N, LONG 124 03 28 W. DRAINAGE AREA, 31 100 km². NATURAL FLOW.

R - REVISED SINCE JAN 01 1987

SOUTH NAHANNI RIVER ABOVE CLAUSEN CREEK - STATION NO. 10EC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	1 870 AT 11:30 PST ON JUL 14	1 830R ON JUL 14	---	---	1969
1970	2 830E AT 10:00 PST ON AUG 17	2 100RA ON AUG 17	---	---	1970
1971	1 860E AT 18:00 PST ON JUN 12	1 740RA ON JUN 12	---	---	1971
1972	5 130A ON JUL 27 *	4 780RE ON JUL 27 *	---	---	1972
1973	---	2 380E ON JUN 11	44.0RB ON FEB 25 *	12 500 000R	1973
1974	2 830 AT 21:00 MST ON JUN 17	2 670 ON JUN 18	48.4B ON MAR 26	13 500 000R	1974
1975	3 280 AT 20:00 MST ON JUN 4	2 800 ON JUN 4	57.5B ON MAR 24	13 800 000R	1975
1976	2 180 AT 07:00 MST ON JUL 3	2 040 ON JUL 3	58.0RB ON MAR 15	13 500 000R	1976
1977	1 800 AT 08:10 MST ON JUN 3	1 670 ON JUN 3	55.4B ON FEB 16	12 800 000R	1977
1978	3 110 AT 04:00 MST ON JUL 3	2 820 ON JUL 3	52.0RB ON APR 21	11 500 000R	1978
1979	1 850 AT 08:00 MST ON JUN 28	1 820 ON JUN 28	52.4RB ON MAR 15	13 100 000R	1979
1980	2 010 AT 18:50 MST ON JUN 10	1 830 ON JUN 11	52.0RB ON MAR 15	11 200 000R	1980
1981	---	1 800RE ON MAY 30	58.4B ON FEB 24	10 800 000R	1981
1982	1 850 AT 10:47 MST ON JUN 15	1 810 ON JUN 15	45.0RB ON MAR 13	11 000 000R	1982
1983	2 330 AT 15:41 MST ON JUN 1	2 280 ON JUN 2	57.0B ON MAR 28	11 800 000R	1983
1984	2 080 AT 22:50 MST ON JUN 19	1 970 ON JUN 20	46.0B ON FEB 1	11 500 000	1984
1985	2 180 AT 18:57 MST ON JUN 7	2 090 ON JUN 7	55.5B ON MAR 11	11 900 000	1985
1986	2 550 AT 18:30 MST ON JUL 3	2 230 ON JUL 3	53.5B ON MAR 30	13 900 000	1986
1987	---	1 780 ON JUN 1	50.0B ON APR 3	12 800 000	1987
1988	2 340 AT 02:28 MST ON JUL 2	2 170 ON JUL 2	56.0B ON APR 15	14 800 000	1988
				12 500 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX). B - ICE CONDITIONS. E - ESTIMATED. * - EXTREME RECORDED FOR THE PERIOD OF RECORD. R - REVISED SINCE JAN 01 1987.

SOUTH NAHANNI RIVER ABOVE VIRGINIA FALLS - STATION NO. 10EB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	404	218	---	---	---	---	1982
1983	---	---	---	---	---	783	840R	456	424	188	76.5	36.8	---	1983
1984	31.1	31.1	31.1	31.1	88.8	1 270R	881R	507	233	132	87.3	56.0R	266R	1984
1985	41.8R	35.7R	34.2R	36.8R	153	824	588	301	215	---	---	---	---	1985
1986	---	---	---	---	---	785R	526	284	235	---	---	---	---	1986
1987	---	---	---	---	---	838R	580R	381	231	133	85.0	28.4	---	1987
1988	27.2	26.5	26.0	---	---	---	---	360	255	133	72.7	45.3	---	1988
1989	31.8	26.8	---	---	---	689	488	378	190	108	82.7	43.3	---	1989
1970	36.5	34.9	31.4	28.1R	271 R	818R	715R	420	221	154	59.5	35.7	237R	1970
1971	30.2	28.3	28.5	---	---	782R	498	339	194	112	51.5	34.2	---	1971
1972	24.5	18.6R	18.5R	---	---	1 080R	822R	440R	198	111	84.6R	46.8R	---	1972
1973	28.4R	23.5R	24.1R	31.0R	613 R	826	484	348	247	107	81.5	36.3	228R	1973
1974	27.0	22.7	21.6	23.3	172	827R	443	481	227	88.3	42.1	44.7	188R	1974
1975	36.4	30.1	24.8	30.7	248	1 050R	713R	308	245	172 R	86.8R	43.8R	247R	1975
1976	37.4R	32.3R	28.4R	51.8R	262	867R	824R	337	184	120 R	53.8R	37.7	302R	1976
1977	28.6	22.4	22.8	31.8	308 R	880R	537	498	245	88.1R	37.9R	35.6	327R	1977
1978	34.1	31.2	27.3	23.5	180	782R	893R	382	199	130	78.0R	45.7R	215R	1978
1979	28.8R	25.3R	24.8R	27.4R	180 R	842R	880R	419	205	148	85.6R	42.4R	232R	1979
1980	36.8R	29.4R	27.2R	38.3R	283 R	827R	480	378	224	170	87.3	42.4	188R	1980
1981	36.6	27.8	26.8	30.6	477 R	868R	617	282	216	122	61.0	48.8R	193R	1981
1982	32.7R	18.8R	17.4R	22.3R	158 R	805R	821R	356	226	126	80.6	52.8	209R	1982
1983	37.3	26.4	27.8	36.5	217	1 030R	478	467	248	113	63.2	27.7	229R	1983
1984	17.4	17.8	23.2	31.4	248	819	550	450	221	110	48.1	37.8	215	1984
1985	30.4	17.8	17.7	26.8	188	828	648	388	283	102	51.3	39.1	229	1985
1986	28.7	23.8	21.0	25.8	205	843	834	371	301	132	83.8	47.8	233	1986
1987	37.1	28.0	26.1	26.0	227	788	548	402	308	181	77.4	80.1	226	1987
1988	1.8	37.2	33.1	40.0	387	718	701	402	341	202	78.8	46.8	263	1988
MEAN	32.5R	27.0R	26.7R	30.8R	260 R	815R	610R	390R	234	132 R	68.4R	42.0R	223R	MEAN

LOCATION - LAT 61 38 33 N, LONG 125 48 13 W. DRAINAGE AREA, 14 600 km². NATURAL FLOW.

R - REVISED SINCE JAN 01 1987

SOUTH NAHANNI RIVER ABOVE VIRGINIA FALLS - STATION NO. 10EB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	885 ON AUG 3	20.1RB ON MAR 24	---	1982
1983	1 320 AT 12:30 PST ON JUL 7	1 280R ON JUL 7	---	---	1983
1984	2 030 AT 03:00 PST ON JUN 13	1 950R ON JUN 13	31.1B ON JAN 1	8 370 000R	1984
1985	948 AT 20:00 PST ON JUL 17	800 ON JUL 18	34.0RB ON MAR 8	---	1985
1986	1 470 AT 23:58 PST ON JUN 18	1 380R ON JUN 18	---	---	1986
1987	1 370 AT 08:00 PST ON JUN 21	1 310R ON JUN 21	---	---	1987
1988	---	---	---	---	1988
1989	---	1 120 ON JUL 13	---	---	1989
1970	1 630 AT 02:00 PST ON JUN 8	1 480R ON JUN 8	28.2RB ON APR 15	7 480 000R	1970
1971	1 280 AT 17:00 PST ON JUN 22	1 260R ON JUN 22	---	---	1971
1972	2 380A ON JUL 27 *	2 250RE ON JUL 27 *	17.0RB ON MAR 5	---	1972
1973	---	1 420E ON MAY 28	23.0RB ON FEB 22	7 140 000R	1973
1974	999 AT 13:00 MST ON JUN 17	964R ON JUN 17	21.2B ON MAR 12	8 880 000R	1974
1975	1 830 AT 15:00 MST ON JUN 4	1 840R ON JUN 4	23.8B ON MAR 24	7 780 000R	1975
1976	1 380E AT 15:00 MST ON JUL 1	1 320RA ON JUL 1	28.0RB ON MAR 14	8 380 000R	1976
1977	1 140 AT 14:00 MST ON JUN 22	1 120R ON JUN 22	21.5B ON FEB 18	7 180 000R	1977
1978	1 780 AT 17:50 MST ON JUL 3	1 700R ON JUL 3	22.7B ON APR 24	8 770 000R	1978
1979	1 370 AT 01:20 MST ON JUN 25	1 310R ON JUN 25	24.5RB ON MAR 5	7 320 000R	1979
1980	---	1 200E ON JUN 11	27.0RB ON MAR 9	8 270 000R	1980
1981	1 380 AT 15:32 MST ON MAY 30	1 340R ON MAY 30	26.0B ON FEB 20	8 080 000R	1981
1982	1 820 AT 17:43 MST ON JUN 15	1 780R ON JUN 15	17.0RB ON MAR 4	8 590 000R	1982
1983	1 850A ON JUN 1	1 800E ON JUN 2	20.0B ON DEC 31	7 230 000R	1983
1984	1 280 AT 18:48 MST ON JUN 14	1 240 ON JUN 14	15.5B ON JAN 31 *	8 800 000	1984
1985	1 820 AT 16:20 MST ON JUN 7	1 750 ON JUN 7	18.0B ON FEB 21	7 220 000	1985
1986	1 840 ON JUN 8	1 470 ON JUL 3	20.1B ON APR 14	7 380 000	1986
1987	1 400 AT 15:25 MST ON JUN 3	1 370 ON JUN 3	25.4B ON MAR 22	7 120 000	1987
1988	---	1 350E ON JUL 2	28.9B ON APR 11	8 010 000	1988
				7 080 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987

SYLVIA GRINNELL RIVER NEAR IQALUIT - STATION NO. 10UH001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR JUN TO SEP IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	1.26	0.787	0.261	0	0.037	42.2	188	57.2	42.5	13.1	4.87	1.84	75.8	1971
1972	---	---	---	---	---	4.40	132	78.8	48.8	13.4	5.88	---	88.7	1972
1973	---	---	---	---	---	88.3	223	76.8	58.0	28.1	---	---	112	1973
1974	---	---	---	---	---	---	78.7	87.8	---	---	---	---	---	1974
1975	---	---	---	---	---	---	120	71.2	58.3	---	---	---	---	1975
1976	---	---	---	---	---	---	236	85.7	36.6	---	---	---	---	1976
1977	---	---	---	---	---	---	184	48.3	41.9	---	---	---	---	1977
1978	---	---	---	---	---	---	342	123	---	---	---	---	---	1978
1979	---	---	---	---	---	---	283	121	130	---	---	---	---	1979
1980	---	---	---	---	---	---	88.2	38.2	28.9	---	---	---	---	1980
1981	---	---	---	---	---	115	44.8	---	---	---	---	---	---	1981
1982	---	---	---	---	---	---	73.8	88.2	33.8	15.5	---	---	---	1982
1983	---	---	---	---	---	128	188	74.6	38.6	8.98	---	---	105	1983
1984	---	---	---	---	---	84.6	112	74.8	50.6	13.4	2.28	0.382	75.7	1984
1985	---	---	---	---	1.52	148	101	53.8	63.5	21.2	---	---	81.3	1985
1986	---	---	---	---	---	7.32	243	86.0	84.5	15.1	2.88	0.808	108	1986
1987	0.068	0	0	0	0	105	191	71.4	62.5	24.5	---	---	105	1987
MEAN	0.859	0.378	0.131	0	0.519	73.3	167	74.0	54.0	18.8	3.87	0.943	82.5	MEAN

LOCATION - LAT 63 45 38 N, LONG 68 35 02 W. DRAINAGE AREA, 2 980 km^2. NATURAL FLOW

SYLVIA GRINNELL RIVER NEAR IQALUIT - STATION NO. 10UH001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR JUN TO SEP FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	283A ON JUL 6	0.568B ON JUN 1	786 000	1971
1972	---	306 ON JUL 22	0.113B ON JUN 1	702 000	1972
1973	445 AT 05:43 EST ON JUL 3	426 ON JUL 3	11.3 B ON JUN 1	1 180 000	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	---	---	---	---	1978
1979	---	---	---	---	1979
1980	282 AT 08:37 EST ON JUN 27	---	---	---	1980
1981	382 AT 08:30 EST ON JUN 28	---	---	---	1981
1982	---	320B ON JUN 30	---	---	1982
1983	437 AT 12:20 EST ON JUL 11	400 ON JUL 12	0.100B ON JUN 1	1 110 000	1983
1984	---	350B ON JUN 28	0 B ON JUN 1 *	788 000	1984
1985	---	319 ON JUN 17	13.0 B ON JUN 1	881 000	1985
1986	478 AT 13:15 EST ON JUL 20 *	410B ON JUL 3	0 B ON JUN 1	1 150 000	1986
1987	---	438 ON JUN 30 *	0 B ON JUN 1	1 110 000	1987
				878 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TALTSON RIVER ABOVE PORTER LAKE OUTFLOW - STATION NO. 07QD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	48.6	39.4	51.1	52.5	38.4	25.8	---	1977
1978	21.2	17.3	12.8	10.6	28.7	80.7	58.1	45.4	35.0	34.5	33.4	25.8	33.7	1978
1979	20.4	17.5	15.8	15.0	18.3	85.7	61.2	36.1	29.7	28.1	23.0	19.9	31.8	1979
1980	16.8	14.2	12.8	14.3	37.1	39.2	28.0	34.8	33.4	38.1	41.1	36.7	27.8	1980
1981	31.3	25.1	19.7	15.8	46.8	81.5	108	80.2	85.8	49.8	37.5	32.3	50.8	1981
1982	28.8	22.3	18.3	14.8	82.0	231	114	88.7	81.2	85.8	85.9	38.3	70.1	1982
1983	26.5	19.4	16.5	19.1	26.3	107	89.8	86.6	89.4	58.7	52.5	36.9	48.1	1983
1984	25.3	14.3	12.3	31.9	98.0	81.6	64.8	82.8	85.6	67.1	89.8	47.8	60.9	1984
1985	35.7	28.6	22.8	22.6	128	140	78.1	52.3	41.2	31.0	23.7	19.7	52.0	1985
1986	17.0	14.8	12.8	11.2	88.2	114	78.5	70.8	78.6	62.8	46.6	35.2	52.8	1986
1987	28.7	24.8	24.0	23.8	89.4	83.3	78.3	52.0	84.1	84.1	46.8	38.0	50.5	1987
1988	30.1	27.5	24.7	24.5	31.0	217	178	184	111	88.4	72.3	63.9	85.3	1988
MEAN	25.4	20.8	17.7	18.8	61.8	118	81.8	86.5	82.1	58.8	48.3	34.4	81.3	MEAN

LOCATION - LAT 61 52 30 N DRAINAGE AREA, 12 800 km²
LONG 107 40 30 W NATURAL FLOW

TALTSON RIVER ABOVE PORTER LAKE OUTFLOW - STATION NO. 07QD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1977	---	---	---	---	1977
1978	---	88.8 ON JUN 4	9.778 B ON MAY 7 *	1 080 000	1978
1979	---	126 A ON JUN 13	14.8 B ON MAY 5	1 000 000	1979
1980	---	42.88 ON NOV 16	12.4 B ON MAR 28	884 000	1980
1981	---	131 ON JUL 21	15.1 B ON APR 14	1 600 000	1981
1982	---	362 E ON JUN 1 *	13.8 B ON MAY 1	2 210 000	1982
1983	128 AT 19:05 MST ON JUN 14	126 ON JUN 14	18.2 B ON FEB 25	1 520 000	1983
1984	102 AT 12:36 MST ON MAY 21	102 ON MAY 15	10.8 B ON MAR 8	1 930 000	1984
1985	---	203 ON MAY 22	15.3 B ON DEC 31	1 840 000	1985
1986	---	182 E ON MAY 23	10.8 B ON APR 22	1 870 000	1986
1987	108 AT 13:25 MST ON MAY 19	105 ON MAY 18	22.1 B ON MAR 31	1 590 000	1987
1988	266 AT 08:55 MST ON JUN 11 *	263 ON JUN 11	21.8 B ON MAY 13	2 700 000	1988
				1 620 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TALTSON RIVER AT OUTLET OF TSU LAKE - STATION NO. 07QA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	87.4	84.8	80.8	108	128	120	105	86.9	93.2	93.1	---	1952
1953	87.3	78.4	88.4	80.4	86.1	79.0	88.0	102	114	116	118	135	92.8	1953
1954	136	119	102	88.7	81.7	266	---	---	---	---	---	---	---	1954
1982	---	---	111	86.7	116	282	440	433	363	318	287	286	---	1982
1983	228	186	151	---	---	282	281	284	287	306	288	---	---	1983
1984	286	216	169	137	242	370	386	293	231	186	163	151	233	1984
1985	132	108	86.5	73.6	86.6	118	260	351	281	213	178	160	172	1985
1986	128	111	82.3	82.6	141	221	278	289	306	321	266	244	209	1986
1987	197	162	122	100	125	226	268	336	307	280	226	202	213	1987
1988	170	146	124	86.6	139	223	218	188	---	---	---	---	---	1988
1989	241	195	161	141	169	168	120	86.3	80.6	83.3	74.6	86.1	130	1989
1970	92.2	88.1	86.6	87.2	109	106	73.6	58.6	48.5	84.0	136	153	83.6	1970
1971	145	128	110	97.3	131	141	114	86.6	75.5	83.7	86.7	87.6	107	1971
1972	86.3	77.2	89.3	88.0	95.3	166	200	178	153	137	148	146	126	1972
1973	132	117	106	86.6	127	162	178	155	152	203	216	186	156	1973
1974	167	143	122	112	166	192	220	224	218	286	304	278	202	1974
1975	239	199	162	140	283	456	416	326	284	278	261	251	278	1975
1976	214	181	156	138	287	360	316	247	181	142	137	128	209	1976
1977	114	102	86.8	88.8	131	178	170	131	133	142	161	171	138	1977
1978	149	126	116	110	161	181	148	128	114	103	103	110	126	1978
1979	101	88.2	81.4	76.5	86.6	143	156	129	107	86.0	106	116	107	1979
1980	106	92.7	87.7	92.8	136	132	90.3	78.6	90.3	109	106	103	102	1980
1981	100	92.6	86.3	83.7	146	166	160	217	220	206	186	170	152	1981
1982	164	131	110	96.3	166	322	368	323	286	241	242	226	223	1982
1983	187	156	134	116	163	163	180	227	246	262	266	236	186	1983
1984	202	167	142	146	206	232	246	267	266	276	336	286	233	1984
1985	241	190	157	136	257	413	376	263	216	162	142	117	226	1985
1986	167	103	106	110	150	206	209	160	161	216	206	166	166	1986
1987	153	140	127	116	206	263	246	217	202	182	183	206	166	1987
1988	186	171	163	132	174	262	476	536	486	443	376	303	312	1988
MEAN	159	136	116	103	162	218	237	224	204	186	186	182	176	MEAN

LOCATION - LAT 60 36 56 N DRAINAGE AREA, 56 700 km²
LONG 111 56 46 W REGULATED SINCE 1966

TALTSON RIVER AT OUTLET OF TSU LAKE - STATION NO. 07OA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	---	---	---	1952
1953	---	---	---	---	1953
1954	317 AT 22:00 MST ON JUL 13	141E ON DEC 28	58.9 ON APR 24	2 830 000	1953
		---	---	---	1954
1962	494 AT 22:00 MST ON JUL 25	---	---	---	1962
1963	---	---	---	---	1963
1964	413 AT 23:00 MST ON JUL 3	413 ON JUL 2	126 ON APR 28	7 380 000	1964
1965	---	382 ON AUG 5	71.4 ON APR 24	5 430 000	1965
1966	---	326 ON OCT 4	76.2 ON MAY 4	6 590 000	1966
1967	---	340 ON AUG 11	91.7 ON APR 30	6 700 000	1967
1968	---	---	---	---	1968
1969	---	284 ON JAN 1	58.9 ON SEP 25	4 100 000	1969
1970	157 AT 21:10 MST ON DEC 24	156 ON DEC 20	46.2 ON SEP 8	2 850 000	1970
1971	---	154 ON JAN 1	68.1 ON SEP 15	3 380 000	1971
1972	---	204 ON JUL 7	42.8A ON APR 12 *	3 850 000	1972
1973	---	218 ON NOV 17	82.3 ON APR 22	4 820 000	1973
1974	---	311 ON NOV 8	108 ON APR 19	6 380 000	1974
1975	---	478 ON JUN 21	124 ON APR 21	8 780 000	1975
1976	---	388 ON JUN 12	122 E ON DEC 31	8 610 000	1976
1977	---	186 ON JUN 25	80.8 ON APR 11	4 290 000	1977
1978	---	187E ON JUN 13	85.7 ON NOV 13	4 050 000	1978
1979	155 AT 11:27 MST ON JUL 8	155 ON JUN 26	72.1E ON MAY 8	3 390 000	1979
1980	---	151 ON JUN 1	76.3 ON SEP 5	3 230 000	1980
1981	---	226 ON AUG 27	78.5 ON APR 19	4 800 000	1981
1982	410 AT 01:24 MST ON JUL 4	409 ON JUL 4	88.1 ON APR 21	7 020 000	1982
1983	272 AT 23:40 MST ON NOV 8	271 ON NOV 4	114 ON APR 19	6 180 000	1983
1984	341 AT 04:14 MST ON NOV 1	340 ON NOV 8	129 ON APR 8	7 380 000	1984
1985	431 AT 01:37 MST ON JUN 22	431 ON JUN 21	107 ON DEC 27	7 080 000	1985
1986	322 AT 14:26 MST ON JUN 28	321 ON JUN 30	97.6 ON FEB 25	5 190 000	1986
1987	256 AT 11:51 MST ON JUN 16	257 ON JUN 16	113 ON APR 19	5 820 000	1987
1988	548 AT 18:00 MST ON AUG 21 *	543 ON AUG 18 *	127 ON APR 24	9 860 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 540 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED

TALTSON RIVER NEAR OUTLET OF NONACHO LAKE - STATION NO. 07OD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	138	---	172	---	---	1975
1976	105	88.4	84.6	88.5	124	138	144	123	100	89.8	85.8	78.0	104	1976
1977	84.5	88.5	88.1	72.4	81.4	76.5	73.7	83.7	91.7	87.5	85.3	87.0	78.4	1977
MEAN	84.8	73.5	78.4	80.8	103	108	108	108	108	88.7	118	81.5	91.7	MEAN

LOCATION - LAT 61 39 36 N LONG 108 58 07 W DRAINAGE AREA, 22 800 km^2 REGULATED

TALTSON RIVER NEAR OUTLET OF NONACHO LAKE - STATION NO. 07OD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	186 ON JUL 3 *	70.5B ON DEC 28	3 300 000	1976
1977	---	102 ON JUN 2	57.5B ON FEB 24 *	2 600 000	1977
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 900 000	MEAN

B - ICE CONDITIONS

THA-ANNE RIVER BELOW ROSEBLADE LAKE - STATION NO. 08HE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	4.00	3.75	3.58	3.50	3.52	641	---	---	---	---	---	---	---	1987
1988	9.35	7.35	5.55	4.38	4.14	706	721	271	128	87.8	48.7	31.3	188	1988
MEAN	6.68	5.55	4.74	3.93	3.83	675	721	271	128	87.8	48.7	31.3	188	MEAN

LOCATION - LAT 61 00 18 N LONG 97 01 41 W NATURAL FLOW

THA-ANNE RIVER BELOW ROSEBLADE LAKE - STATION NO. 08HE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	---	1 070 ON JUN 28	3.50B ON APR 10	---	1987
1988	---	1 300 ON JUN 23 *	3.25B ON MAY 17 *	5 380 000	1988
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 380 000	MEAN

B - ICE CONDITIONS

THA-ANNE RIVER BELOW SOUTH HENIK LAKE - STATION NO. 08HD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0	0	0	0	0	---	---	151	87.3	31.7	8.58	2.73	---	1978
1979	1.17	0.244	0	0	---	---	---	117	58.9	---	---	---	---	1979
1980	---	---	---	---	23.8	57.2	51.5	51.5	53.5	49.8	20.5	9.11	---	1980
1981	3.28	1.12	0.367	0.002	---	---	---	140	77.1	42.2	15.5	4.72	---	1981
1982	1.44	0.810	0.112	0	0.484	110	184	101	51.0	30.1	8.48	1.01	40.9	1982
MEAN	1.48	0.484	0.100	0.001	8.13	83.5	126	112	71.2	38.0	12.5	4.39	40.7	MEAN

LOCATION - LAT 61 08 00 N DRAINAGE AREA, 7 140 km²
LONG 87 07 41 W NATURAL FLOW

THA-ANNE RIVER BELOW SOUTH HENIK LAKE - STATION NO. 08HD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	---	---	---	1978
1979	---	---	0 B ON FEB 22 *	---	1979
1980	---	---	5.76B ON DEC 31	---	1980
1981	---	---	0 B ON APR 4	---	1981
1982	---	219 ON JUL 8 *	0 B ON APR 1	1 280 000	1982
				1 280 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

THELON RIVER ABOVE BAKER LAKE - STATION NO. 08MA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	306	273	247	313	748	2 450	1 370	837	933	578	728	426	802	1973
1974	267	203	171	188	388	3 810	1 410	1 180	811	481	383	342	701	1974
1975	316	324	316	318	374	2 150	1 880	1 010	902	783	628	483	774	1975
1976	358	348	303	286	448	2 210	2 320	1 180	894	748	578	481	830	1976
1977	418	384	377	254	287	3 330	3 070	1 010	743	682	514	381	770	1977
1978	284	211	247	288	323	1 010	3 180	1 780	1 000	735	558	387	835	1978
1979	291	274	258	244	287	---	---	1 070	733	604	473	370	---	1979
1980	293	238	181	153	---	---	---	701	622	585	532	418	---	1980
1981	321	283	218	178	180	1 830	1 770	1 130	781	593	493	412	859	1981
1982	336	288	200	148	138	1 370	2 040	1 110	880	788	641	408	885	1982
MEAN	316	289	233	236	348	1 880	1 880	1 100	859	888	641	407	787	MEAN

LOCATION - LAT 64 24 25 N DRAINAGE AREA, 184 000 km²
LONG 98 24 37 W NATURAL FLOW

REMARKS - STATION NOW LOCATED AT 08MA005 THELON RIVER BELOW OUTLET SHULTZ LAKE. DATA SHOULD BE USED WITH DISCRETION

THELON RIVER ABOVE BAKER LAKE - STATION NO. 08MA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1973	---	3 080E ON JUN 8	336B ON MAR 19	25 300 000	1973
1974	---	3 230E ON JUN 14	161B ON MAR 19	22 100 000	1974
1975	---	2 810E ON JUN 12	274B ON JAN 8	24 400 000	1975
1976	---	3 200A ON JUN 23	193B ON MAR 13	26 200 000	1976
1977	---	2 820B ON JUN 9	212B ON FEB 22	24 300 000	1977
1978	---	3 610B ON JUL 2 *	167B ON FEB 8	26 300 000	1978
1979	---	---	327B ON MAY 23	---	1979
1980	---	---	---	---	1980
1981	---	2 780E ON JUN 19	175B ON APR 20	20 600 000	1981
1982	---	2 870 ON JUN 28	120B ON MAY 10 *	21 600 000	1982
				33 800 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

THELON RIVER ABOVE BEVERLY LAKE - STATION NO. 08JC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	688	694	414	---	---	---	1970
1972	21.8R	15.8R	13.1R	12.1R	23.3R	842R	503R	280	224R	81.1R	34.8R	25.4R	188R	1972
1973	18.5R	15.4R	12.8R	10.4R	28.4R	842R	339	338	588	378 R	80.8R	28.2R	204R	1973
1974	19.1R	16.1R	14.8R	14.1R	85.8R	882R	407R	381	240	118	81.8R	32.8R	188R	1974
1975	24.1R	18.8R	16.9R	16.0R	54.4R	780R	382R	285	348	183 R	82.3R	54.7R	181R	1975
1976	37.7R	26.0R	21.8R	20.8R	131 R	1 420R	603	240	248	183	72.4R	38.3R	242R	1976
1977	24.9R	19.7R	16.8R	15.4R	218 R	874R	332	221	218	193 R	88.3R	41.2R	197R	1977
1978	24.0R	18.1R	14.2R	13.2R	15.1R	418R	1 040	412	268R	181 R	88.7R	33.2R	211R	1978
1979	22.4R	17.5R	15.1R	14.1R	18.8R	812R	818R	270	181	108 R	84.8R	28.4R	181R	1979
1980	18.2R	18.0R	14.8R	14.1R	328 R	484	188	202	268R	118 R	82.4R	39.0R	148R	1980
1981	27.5R	22.3R	18.8R	18.0R	31.8R	734R	807	305	283	222 R	130 R	82.8R	204R	1981
1982	34.3R	24.0R	20.8R	20.3R	104 R	770R	483	284	270	215 R	88.4R	38.0R	194R	1982
1983	20.8R	15.0R	13.7R	13.1R	14.8R	575R	558R	595	598	408 R	88.4R	47.8R	247R	1983
1984	33.2R	26.4R	22.8R	27.0R	70.8R	2 830	858	483	812	391	131	42.3	423R	1984
1985	22.1	21.3	24.8	31.1	235	2 170	858	534	388	228	84.0	44.0	370	1985
1986	34.8	18.8	11.1	11.2	858	2 170	812	340	243	148	84.6	30.4	377	1986
1987	20.8	18.4	17.8	20.2	44.0	1 880	740	473	885	298	112	88.4	343	1987
1988	41.8	38.2	33.8	34.8	47.0	2 210	843	580	550	422	188	88.8	428	1988
MEAN	25.8R	20.3R	17.8R	18.1R	123 R	1 180R	573R	381	381R	234 R	87.7R	41.8R	253R	MEAN

LOCATION - LAT 64 31 53 N DRAINAGE AREA, 85 600 km²
LONG 101 21 53 W NATURAL FLOW

R - REVISED SINCE JAN 01 1987

REMARKS - MOST HIGH FLOWS PRIOR TO 1984 WERE ESTIMATED AND SHOULD BE USED WITH DISCRETION

THELON RIVER ABOVE BEVERLY LAKE - STATION NO. 08JC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1972	---	1 500RE ON JUN 14	12.0RB ON APR 5	5 380 000R	1972
1973	---	1 140E ON JUN 15	10.0RB ON APR 20 *	6 430 000R	1973
1974	---	1 300RE ON JUN 5	14.0RB ON APR 9	5 670 000R	1974
1975	---	1 220RE ON JUN 17	16.0RB ON APR 5	5 880 000R	1975
1976	---	2 200RE ON JUN 11	20.0RB ON APR 2	7 850 000R	1976
1977	---	1 700RB ON JUN 2	15.0RB ON APR 25	8 200 000R	1977
1978	---	1 840RB ON JUN 30	13.0RB ON APR 4	6 840 000R	1978
1979	---	1 600RE ON JUN 17	14.0RB ON APR 15	5 720 000R	1979
1980	---	872 ON MAY 27	14.0RB ON APR 9	4 880 000R	1980
1981	---	1 230E ON JUN 14	19.0RB ON APR 10	6 440 000R	1981
1982	---	1 440 ON JUN 5	20.0RB ON APR 10	8 120 000R	1982
1983	---	1 200RE ON JUN 19	13.0RB ON APR 18	7 780 000R	1983
1984	---	6 250 ON JUN 7	22.0RB ON MAR 25	13 400 000R	1984
1985	---	3 590 ON JUN 6	20.8B ON FEB 5	11 700 000	1985
1986	---	3 800A ON MAY 28	10.2B ON MAR 28	11 800 000	1986
1987	---	3 220E ON JUN 14	17.6B ON MAR 1	10 800 000	1987
1988	---	6 480E ON JUN 12 *	33.3B ON MAR 28	13 800 000	1988
				7 880 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

THELON RIVER BELOW OUTLET OF SCHULTZ LAKE - STATION NO. 08MA006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	345	285	282	304	338	1 670	2 530	1 310	1 250	1 170	704	455	882	1983
1984	418	405	408	423	484	3 470	3 110	1 530	1 380	1 180	839	728	1 200	1984
1985	521	438	418	418	472	2 800	2 800	1 400	985	732	522	431	978	1985
1987	413	381	351	380	384	1 220	2 820	1 540	1 350	1 180	858	583	843	1987
1988	448	330	278	318	348	1 730	2 620	1 570	1 230	1 150	773	701	978	1988
MEAN	428	368	347	385	401	2 120	2 820	1 470	1 240	1 080	887	681	988	MEAN

LOCATION - LAT 64 48 23 N DRAINAGE AREA, 152 000 km²
LONG 97 04 04 W NATURAL FLOW

THELON RIVER BELOW OUTLET OF SCHULTZ LAKE - STATION NO. 08MA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	3 850 ON JUN 28	280E ON MAR 5	27 800 000	1983
1984	---	6 670 ON JUN 23 *	388 ON JAN 2	37 800 000	1984
1985	---	3 800 ON JUL 1	407 ON APR 1	30 800 000	1985
1987	---	3 420 ON JUL 5	348E ON MAR 28	28 700 000	1987
1988	---	3 710 ON JUN 28	258 ON MAR 4 *	30 800 000	1988
				31 400 000	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TERRITORIES

THLEWIAZA RIVER ABOVE OUTLET SEALHOLE LAKE - STATION NO. 06HB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	159	137	118	110	107	118	174	295	283	285	226	196	183	1978
1980	---	---	---	---	---	121	126	130	188	183	182	186	---	1980
1981	143	123	108	80.1	61.8	188	288	274	241	207	181	158	170	1981
1982	145	124	105	80.5	65.5	208	295	288	258	241	193	161	183	1982
1983	141	120	107	84.0	85.4	222	420	458	408	342	284	251	248	1983
1984	207	183	138	123	129	324	373	340	301	352	187	178	228	1984
1985	185	122	105	86.2	155	300	288	296	282	288	245	223	212	1985
1986	201	178	161	144	207	385	405	332	327	287	215	187	248	1986
1987	189	131	111	86.5	93.8	287	442	411	334	280	215	188	229	1987
1988	183	124	111	103	106	287	630	488	382	298	214	180	251	1988
MEAN	184	137	118	105	117	242	332	331	298	267	216	182	217	MEAN

LOCATION - LAT 60 47 02 N DRAINAGE AREA, 27 000 km²
LONG 88 48 40 W NATURAL FLOW

THLEWIAZA RIVER ABOVE OUTLET SEALHOLE LAKE - STATION NO. 06HB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	308 ON AUG 27	106 B ON MAY 4	5 760 000	1978
1980	---	---	---	---	1980
1981	---	288 ON AUG 1	80.5B ON MAY 18	5 380 000	1981
1982	---	308 ON JUL 27	78.0B ON MAY 18 *	5 780 000	1982
1983	---	478 ON AUG 1	79.9B ON MAY 24	7 750 000	1983
1984	---	379 ON JUL 12	112 B ON MAY 4	7 200 000	1984
1985	---	307E ON JUN 14	85.0B ON MAY 8	8 700 000	1985
1986	---	428E ON JUL 18	137 B ON APR 28	7 850 000	1986
1987	---	462 ON JUL 28	88.4B ON MAY 2	7 210 000	1987
1988	---	649 ON JUL 24 *	100 B ON APR 9	7 840 000	1988
				8 840 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YHOA RIVER NEAR INLET TO HILL ISLAND LAKE - STATION NO. 07OC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	41.3	24.8	18.4	13.9	14.0	12.3	10.2	---	1969
1970	8.81	7.73	7.13	7.80	33.4	33.4	28.9	22.3	27.3	41.8	41.8	30.2	24.1	1970
1971	20.7	15.4	12.1	12.4	80.7	42.8	30.5	18.2	14.2	17.2	21.9	17.5	22.8	1971
1972	10.4	7.03	6.01	8.25	88.3	100	82.9	42.4	35.4	34.1	30.7	22.8	38.4	1972
1973	16.8	12.8	10.5	9.21	80.9	86.6	37.2	35.3	39.7	46.1	37.1	26.4	32.4	1973
1974	18.2	13.1	10.2	10.6	42.7	83.9	80.0	71.8	77.6	72.7	63.7	33.8	46.8	1974
1975	17.6	12.0	9.85	11.7	118	84.8	85.1	54.4	68.7	60.0	48.2	38.0	48.4	1975
1976	26.7	20.8	16.6	23.6	132	97.3	60.1	28.6	25.6	27.8	26.6	19.8	41.2	1976
1977	15.0	13.8	12.1	13.2	61.8	67.0	44.7	30.3	41.7	46.8	48.7	40.8	36.4	1977
1978	22.6	16.6	12.0	10.1	38.3	46.6	42.8	36.7	24.8	33.2	21.2	16.1	26.0	1978
1979	13.4	11.8	10.7	9.81	32.1	66.3	63.2	28.4	17.2	20.8	26.3	17.8	27.1	1979
1980	12.9	10.7	8.80	15.6	86.8	39.8	38.4	33.4	47.3	48.5	44.7	30.4	33.1	1980
1981	18.0	14.8	12.2	10.7	53.2	86.1	75.2	65.3	46.2	43.9	37.6	32.5	38.3	1981
1982	22.6	15.5	11.7	9.78	116	190	70.5	44.2	48.8	68.7	51.4	34.8	57.0	1982
1983	34.2	18.2	15.0	16.0	32.6	70.1	60.2	67.8	66.0	68.2	48.2	34.1	42.7	1983
1984	32.8	18.1	14.6	20.3	74.6	88.0	85.6	84.8	77.4	85.8	70.3	48.1	58.7	1984
1985	30.7	22.6	17.7	15.7	128	114	47.8	31.3	28.4	33.7	30.2	19.2	41.3	1985
1986	13.3	11.4	8.81	9.38	68.7	80.6	66.8	58.2	76.8	83.1	48.1	32.4	43.2	1986
1987	24.2	19.8	---	---	---	---	47.4	38.2	37.8	46.4	46.2	42.4	---	1987
1988	32.0	24.0	18.1	19.6	83.3	140	118	118	87.3	78.8	58.8	43.4	68.8	1988
MEAN	19.8	15.0	12.0	13.1	68.2	77.8	57.2	46.8	44.7	46.3	38.4	28.2	39.8	MEAN

LOCATION - LAT 60 30 18 N DRAINAGE AREA, 8 830 km²
LONG 108 38 58 W NATURAL FLOW

THDA RIVER NEAR INLET TO HILL ISLAND LAKE - STATION NO. 07QC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	47.0E ON OCT 28	0.68 ON APR 3	758 000	1970
1971	---	86.9 ON MAY 12	0.28 ON APR 14	722 000	1971
1972	117 E ON JUN 22	117 E ON JUN 22	0.680 ON MAR 15 *	1 150 000	1972
1973	98.3 AT 18:00 ON MAY 30	95.0 ON MAY 30	0.82 ON APR 25	1 020 000	1973
1974	---	95.8 ON JUL 25	0.82 ON MAR 30	1 480 000	1974
1975	---	145 E ON MAY 20	0.008 ON APR 13	1 630 000	1975
1976	---	142 ON MAY 24	15.1 ON APR 7	1 300 000	1976
1977	---	73.1 ON JUN 8	10.8 ON APR 8	1 120 000	1977
1978	82.4 AT 07:20 MST ON MAY 20	82.4 ON MAY 20	0.88 ON APR 26	620 000	1978
1979	101 AT 13:00 MST ON JUN 3	100 ON JUN 2	0.38E ON MAY 11	857 000	1979
1980	---	80.7 ON MAY 5	7.78 ON APR 14	1 050 000	1980
1981	---	108 E ON JUL 28	0.37E ON APR 23	1 240 000	1981
1982	---	294 ON JUN 4 *	0.11 ON APR 21	1 800 000	1982
1983	78.0 AT 21:03 MST ON JUN 24	77.6 ON JUN 24	13.1 ON APR 16	1 350 000	1983
1984	133 AT 19:41 MST ON AUG 1	133 ON AUG 1	13.3 ON MAR 21	1 780 000	1984
1985	---	240 E ON MAY 20	14.6 ON DEC 31	1 300 000	1985
1986	85.6 AT 19:37 MST ON JUN 13	85.1 ON JUN 14	0.88 ON APR 3	1 380 000	1986
1987	---	---	---	---	1987
1988	152 AT 09:58 MST ON JUN 14 *	151 ON JUN 13	14.6 ON APR 24	2 080 000	1988
				1 280 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THONOKIED RIVER NEAR THE MOUTH - STATION NO. 07RC001

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	---	---	0.030	---	1980
1981	---	---	---	---	8.28	36.8	27.8	11.8	5.24	2.78	0.182	0	11.6	1981
1982	0	0	0	0	0.108	23.3	23.7	11.3	6.47	3.48	0.078	0	5.83	1982
1983	---	---	---	---	0.290	84.8	53.7	24.4	16.7	14.8	6.87	0.006	25.0	1983
1984	---	---	---	---	3.89	43.3	28.4	14.3	12.8	9.59	4.88	1.02	14.8	1984
1985	0	0	0	0.170	8.28	44.3	31.6	20.7	13.2	8.30	1.04	0	15.5	1985
1986	0	0	0	0	2.38	58.7	30.6	14.0	9.63	5.68	1.26	0.502	15.4	1986
1987	---	---	---	---	0.001	17.7	35.2	14.8	7.73	3.27	3.32	0.758	10.7	1987
1988	0.004	0	0	0	0.058	80.0	46.6	17.8	9.94	5.58	2.07	0.295	18.3	1988
MEAN	0.001	0	0	0.043	2.89	48.1	35.0	18.1	10.1	7.32	2.38	0.380	14.8	MEAN

LOCATION - LAT 64 08 48 N, LONG 108 55 02 W
DRAINAGE AREA, 1 780 km^2
NATURAL FLOW

THONOKIED RIVER NEAR THE MOUTH - STATION NO. 07RC001

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	42.4 AT 09:20 MST ON JUN 9	41.8 ON JUN 13	0B ON MAY 1 *	343 000	1981
1982	---	29.7E ON JUN 15	0B ON MAY 1	181 600	1982
1983	---	181 RE ON JUN 21 *	0B ON MAY 1	622 000	1983
1984	74.6 AT 20:43 MST ON JUN 8	63.7 ON JUN 12	0B ON MAY 1	309 000	1984
1985	116 AT 21:33 MST ON JUN 18 *	84.7 ON JUN 18	0B ON DEC 1	328 000	1985
1986	---	71.5E ON JUN 8	0B ON MAY 1	328 000	1986
1987	---	---	0B ON MAY 1	---	1987
1988	---	85.3E ON JUN 18	0B ON MAY 1	388 000	1988
				328 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

TRAIL VALLEY CREEK NEAR INUVIK - STATION NO. 10ND002

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO DEC IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	2.12	2.37	0.271	0.503	0.356	---	---	---	---	1977
1978	---	---	---	---	---	3.28	0.803	---	---	---	---	---	---	1978
1979	0	0	0	0	0.786	0.883	0.087	0.382	1.10	0.108	0	0	0.388	1979
1980	0	0	0	0	0	---	0.051	0.738	0.887	0.001	0	0	---	1980
1981	0	0	0	0	0.833	2.18	1.14	0.733	0.256	0.020	0	0	0.864	1981
1982	0	0	0	0	0.010	2.66	0.132	0.031	0.138	0.081	0.014	0.001	0.404	1982
1983	0	0	0	0	0	1.80	0.008	0.008	0.057	0.013	0	0	0.307	1983
1984	0	0	0	0	1.38	0.883	0.022	0.001	0	0	0	0	0.383	1984
1985	0	0	0	0	0.001	1.73	0.018	0.048	0.083	0.006	0	0	0.231	1985
1986	0	0	0	0	0.001	1.42	0.048	0.802	0.228	0.018	0	0	0.274	1986
1987	0	0	0	0	0.003	1.14	0.048	0.338	0.477	0.013	0	0	0.260	1987
1988	0	0	0	0	0.801	1.73	0.238	0.328	0.348	0.030	0.002	0	0.338	1988
MEAN	0	0	0	0	0.801	1.73	0.238	0.328	0.348	0.030	0.002	0	0.338	MEAN

LOCATION - LAT 68 44 18 N, LONG 133 28 37 W
DRAINAGE AREA, 68.3 km^2
NATURAL FLOW

TRAIL VALLEY CREEK NEAR INUVIK - STATION NO. 10ND002

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO DEC FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	45.8 B ON MAY 31 *	0B ON MAY 1 *	---	1977
1978	---	7.088 ON JUN 7	0A ON AUG 24	---	1978
1979	---	4.259 ON MAY 27	0B ON MAY 1	5 230	1979
1980	---	---	0B ON MAY 1	---	1980
1981	---	7.209 ON MAY 30	0B ON MAY 1	13 800	1981
1982	---	6.13 ON JUN 8	0B ON MAY 1	5 550	1982
1983	---	6.008 ON JUN 3	0B ON MAY 1	4 370	1983
1985	---	7.008 ON MAY 31	0B ON MAY 1	5 870	1985
1986	9.47 AT 03:15 MST ON JUN 8 *	6.858 ON JUN 8	0B ON MAY 1	4 880	1986
1987	---	7.308 ON JUN 7	0B ON MAY 1	5 780	1987
1988	---	5.308 ON JUN 4	0B ON MAY 1	5 280	1988
				7 080	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TREE RIVER NEAR THE MOUTH - STATION NO. 10QA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	8.41	6.38	5.04	5.31	11.7	21.7	57.2	114	104	60.0	30.5	14.8	38.9	1969
1970	8.75	8.88	5.88	5.87	8.80	74.8	93.5	75.0	74.0	62.6	41.6	18.3	39.4	1970
1971	9.86	7.58	5.23	4.03	3.84	28.4	67.8	67.9	55.4	46.1	35.7	27.1	31.7	1971
1972	20.3	15.4	12.3	8.88	8.88	85.9	138	89.8	43.8	28.4	18.6	10.7	37.7	1972
1973	8.19	7.15	6.98	7.02	13.2	81.0	80.0	52.8	47.2	35.8	16.8	8.28	30.4	1973
1974	8.82	8.61	6.67	7.01	12.7	41.3	78.7	88.7	37.6	24.3	16.8	15.3	28.8	1974
1975	15.6	14.6	10.8	8.89	8.48	88.2	113	84.7	37.3	25.4	13.9	8.81	31.8	1975
1976	7.32	3.42	1.88	4.43	14.8	87.3	145	81.2	64.9	50.3	27.4	17.2	38.0	1976
1977	12.8	8.38	5.05	3.88	12.4	82.7	121	81.2	60.8	38.2	18.8	10.1	35.1	1977
1978	4.81	3.47	3.18	3.40	---	---	---	82.8	53.0	30.4	21.5	14.8	---	1978
1979	8.86	6.72	5.88	5.84	8.66	39.0	78.1	72.3	48.1	27.2	18.1	12.8	27.8	1979
1980	8.88	7.00	5.68	5.22	11.7	42.0	88.0	75.3	48.8	27.5	15.8	8.44	28.0	1980
1981	6.48	5.80	5.85	7.13	12.2	78.7	110	76.0	78.7	88.5	27.7	8.42	41.8	1981
1982	2.86	2.13	1.17	0.843	0.511	14.8	141	85.7	78.8	60.2	28.5	15.6	38.4	1982
1983	10.5	7.88	6.76	8.84	8.46	28.8	148	122	108	74.8	43.4	18.7	48.8	1983
1984	8.06	6.88	3.70	4.28	11.8	88.8	127	84.8	81.2	44.3	25.8	15.8	38.7	1984
1985	11.3	8.84	8.43	8.88	13.8	38.3	83.8	80.2	85.5	80.1	28.3	15.3	38.4	1985
1986	11.6	8.32	8.40	8.87	11.5	48.8	178	88.8	85.4	44.8	28.3	20.4	44.7	1986
1987	12.0	8.87	4.25	5.84	13.8	48.8	118	78.8	83.4	48.7	34.1	24.1	38.7	1987
1988	15.8	10.1	8.73	8.84	10.0	---	---	---	---	---	---	---	---	1988
MEAN	10.0	7.38	5.77	5.78	10.3	48.7	111	81.8	63.3	45.3	25.8	15.1	38.3	MEAN

LOCATION - LAT 67 38 03 N, LONG 111 54 32 W DRAINAGE AREA, 5 810 km^2, NATURAL FLOW

TREE RIVER NEAR THE MOUTH - STATION NO. 10QA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	135 E ON AUG 26	4.81 B ON MAR 28	1 190 000	1969
1970	---	103 E ON JUN 25	5.38 B ON MAR 24	1 280 000	1970
1971	---	83.4 ON JUL 15	3.66 B ON APR 22	999 000	1971
1972	---	173 E ON JUL 3	8.88 B ON MAY 15	1 190 000	1972
1973	103 AT 23:30 ON JUL 4	102 ON JUL 3	6.80 B ON MAR 5	888 000	1973
1974	---	84.8 ON JUL 15	8.81 B ON MAR 1	837 000	1974
1975	141 AT 08:00 MST ON JUL 1	140 ON JUL 1	5.58 B ON APR 27	895 000	1975
1976	---	170 ON JUL 8	1.88 B ON MAR 23	1 230 000	1976
1977	---	127 E ON JUL 15	2.77 B ON MAR 22	1 140 000	1977
1978	101 AT 18:00 MST ON JUL 31	100 ON JUL 27	3.06 B ON APR 5	---	1978
1979	88.2 AT 03:21 MST ON JUL 21	88.0 ON JUL 21	5.32 B ON APR 17	848 000	1979
1980	94.1 AT 11:00 MST ON JUL 12	83.3 ON JUL 11	5.13 B ON APR 27	815 000	1980
1981	135 AT 02:10 MST ON JUN 29	128 ON JUN 29	3.86 B ON DEC 31	1 320 000	1981
1982	---	188 ON JUL 8	0.5008 ON MAY 10 *	1 150 000	1982
1983	191 AT 01:15 MST ON JUL 15	180 ON JUL 15	8.42 B ON MAR 28	1 840 000	1983
1984	143 AT 17:26 MST ON JUL 7	141 ON JUL 5	3.80 B ON MAR 28	1 220 000	1984
1985	---	131 E ON AUG 21	5.98 B ON MAR 30	1 210 000	1985
1986	206 AT 14:38 MST ON JUL 10 *	205 ON JUL 10 *	8.30 B ON MAR 12	1 410 000	1986
1987	137 AT 20:54 MST ON JUL 5	136 ON JUL 5	3.87 B ON MAR 24	1 220 000	1987
1988	---	---	---	---	1988
				1 140 000	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TROUT RIVER AT HIGHWAY NO. 1 - STATION NO. 10FA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	20.5	23.3	11.2	3.26	0.951	---	1969
1970	0.380	0.274	0.228	0.261	119	118	37.1	12.5	12.6	24.0	5.74	0.811	27.7	1970
1971	0.249	0.156	0.100	38.7	174	85.7	30.1	12.8	5.30	3.28	0.885	0.141	27.8	1971
1972	0.101	0.041	0.001	1.04	218	166	53.6	27.1	12.8	8.28	1.80	0.337	36.9	1972
1973	0.198	0.134	0.128	2.85	78.1	109	127	45.3	36.2	19.2	3.96	1.80	38.4	1973
1974	1.23	0.388	0.308	8.27	148	134	88.4	88.9	46.5	24.6	12.3	8.82	42.8	1974
1975	2.03	1.43	1.87	22.4	109	83.8	32.8	34.4	38.7	29.6	7.86	3.31	28.2	1975
1976	0.888	0.481	0.328	35.8	200	115	82.4	72.9	117	82.5	14.2	2.71	55.5	1976
1977	0.850	0.850	0.858	7.71	100	177	86.2	61.6	28.0	18.1	3.19	0.809	41.8	1977
1978	0.535	0.489	0.448	1.88	88.3	73.6	48.7	22.5	11.5	7.06	1.85	0.232	22.4	1978
1979	0.110	0.104	0.089	0.484	116	158	82.0	32.7	23.0	21.3	3.76	0.180	36.0	1979
1980	0.082	0.084	0.047	8.88	21.8	21.8	21.7	11.8	8.84	10.7	1.12	0.107	8.72	1980
1981	0.037	0.013	0.002	0.108	103	81.6	24.7	6.06	5.04	3.63	3.48	0.848	18.2	1981
1982	0.484	0.433	0.414	0.572	210	188	50.0	28.8	29.5	20.8	2.88	2.04	43.2	1982
1983	1.85	2.01	2.15	10.8	181	137	38.2	23.9	10.8	4.58	2.78	0.741	35.8	1983
1984	0.280	0.221	0.203	8.81	27.4	21.3	48.8	36.2	83.3	47.4	10.8	8.12	22.8	1984
1985	2.05	1.21	3.37	8.50	102	97.2	48.0	81.3	78.1	45.8	17.8	8.48	41.7	1985
1986	3.88	3.05	4.82	8.28	148	112	74.4	43.8	30.1	27.1	4.85	2.58	38.8	1986
1987	1.77	1.87	2.32	8.17	88.8	84.2	47.8	74.5	41.3	34.6	15.0	8.18	31.1	1987
1988	2.58	1.21	1.03	3.28	142	189	268	130	84.0	24.8	10.0	5.40	88.7	1988
MEAN	1.04	0.808	1.04	8.28	125	108	88.8	42.0	33.3	22.1	6.81	2.80	35.0	MEAN

LOCATION - LAT 61 08 23 N, LONG 118 50 08 W. DRAINAGE AREA, 9 270 km². NATURAL FLOW

REMARKS - FORMERLY PUBLISHED AS "AT FORT SIMPSON HIGHWAY"

TROUT RIVER AT HIGHWAY NO. 1 - STATION NO. 10FA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	200 RE ON MAY 20	0.300RB ON APR 20	871 000	1970
1971	---	250 RE ON MAY 3	0.045B ON APR 13	878 000	1971
1972	---	340 RE ON MAY 8	0 B ON MAR 8 *	1 280 000	1972
1973	218 AT 01:00 MST ON JUL 1	214 ON JUL 1	0.113B ON MAR 13	1 110 000	1973
1974	238 AT 07:00 MST ON MAY 15	238 ON MAY 15	0.287B ON FEB 20	1 340 000	1974
1975	---	127 E ON MAY 4	1.41 B ON FEB 5	888 000	1975
1976	286 AT 01:00 MST ON MAY 5	282 ON MAY 4	0.311B ON MAR 27	1 760 000	1976
1977	314 AT 05:10 MST ON JUN 5	311 ON JUN 5	0.823B ON DEC 31	1 310 000	1977
1978	---	131 A ON MAY 5	0.170B ON DEC 28	707 000	1978
1979	276 AT 23:20 MST ON MAY 29	275 ON MAY 29	0.098B ON MAR 21	1 100 000	1979
1980	44.9 AT 14:40 MST ON JUL 15	43.5 ON JUL 15	0.038B ON MAR 17	278 000	1980
1981	---	218 A ON MAY 9	0.002RB ON MAR 14	574 000	1981
1982	554 E ON MAY 20	522 E ON MAY 20	0.385B ON APR 9	1 380 000	1982
1983	288 AT 02:24 MST ON MAY 28	286 ON MAY 28	0.400B ON DEC 28	1 130 000	1983
1984	92.2 AT 19:34 MST ON SEP 7	91.7 ON SEP 7	0.201B ON MAR 28	715 000	1984
1985	---	152 E ON MAY 14	1.00 B ON FEB 8	1 310 000	1985
1986	---	221 ON MAY 13	2.10 B ON DEC 31	1 230 000	1986
1987	90.8 AT 05:15 MST ON AUG 3	90.5 ON AUG 3	1.85 B ON JAN 29	881 000	1987
1988	822 AT 17:14 MST ON JUL 4 *	614 ON JUL 4 *	0.800B ON APR 11	2 170 000	1988
				1 100 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 01 1987

TROUT RIVER NEAR OUTLET OF TROUT LAKE - STATION NO. 10FA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1987	---	1.82	2.91	4.85	74.7	112	42.4	15.8	8.31	5.36	1.11	0.070	---	1987
1988	---	---	---	---	---	---	73.0	55.8	62.8	36.8	15.8	---	---	1988
MEAN	---	1.82	2.91	4.85	74.7	112	57.7	36.4	30.8	22.1	8.31	0.070	---	MEAN

LOCATION - LAT 60 48 00 N, LONG 121 08 30 W. NATURAL FLOW

TROUT RIVER NEAR OUTLET OF TROUT LAKE - STATION NO. 10FA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1987	---	151 ON MAY 31 *	0.028B ON DEC 28	---	1987
1988	---	88.5 ON JUN 18	0 A ON FEB 24 *	---	1988
				---	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TSICHU RIVER AT CANOL ROAD - STATION NO. 10HA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YE
1975	---	---	---	---	---	---	---	---	---	2.28	0.851	0.373	---	197
1976	0.281	0.237	0.225	0.253	1.28	15.3	12.6	4.48	2.88	2.26	1.09	0.488	3.88	197
1977	0.328	0.316	0.314	0.314	0.488	7.14	5.18	4.77	1.83	1.36	0.812	0.283	2.18	197
1978	0.186	0.183	0.158	0.237	2.61	17.4	8.84	5.50	2.11	1.78	0.888	0.393	3.36	197
1979	0.080	0.088	0.083	0.058	2.63	18.8	10.6	5.59	2.74	2.16	1.06	0.345	3.77	197
1980	0.181	0.180	0.188	0.233	1.47	11.0	8.10	6.38	2.88	2.44	0.832	0.382	2.87	198
1981	0.288	0.254	0.226	0.226	0.88	8.00	6.80	3.48	3.82	2.35	1.47	0.737	3.31	198
1982	0.418	0.178	0.120	0.117	1.77	18.1	8.13	5.01	2.80	1.63	0.814	0.348	3.07	198
1983	0.267	0.227	0.230	0.238	1.12	25.8	10.7	5.93	2.84	0.817	0.884	0.270	4.05	198
1984	0.120	0.088	0.081	0.218	8.88	18.9	8.04	4.78	2.74	1.05	0.430	0.288R	3.83R	198
1985	0.122	0.120	0.088	0.041	2.17	16.4	15.0	4.78	2.81	0.813	0.378	0.218	3.77	198
1986	0.263R	0.148R	0.128R	0.154R	0.848R	18.3	14.1	5.45	3.12	1.48	0.300	0.215	3.71R	198
1987	0.143	0.092	0.077	0.070	3.74	18.9	8.31	4.23	5.84	3.80	0.885	0.488	3.87	198
1988	0.418	0.388	0.364	0.327	5.32	18.2	8.03	3.98	3.40	2.23	1.39	0.881	3.88	198
MEAN	0.237R	0.188R	0.172R	0.181R	2.88 R	16.4	9.88	4.95	3.05	1.85	0.795	0.383R	3.43R	MEA

LOCATION - LAT 63 18 11 N, LONG 128 47 43 W; DRAINAGE AREA, 219 km²; NATURAL FLOW

R - REVISED SINCE JAN 01 19

TSICHU RIVER AT CANOL ROAD - STATION NO. 10HA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YE
1975	---	---	---	---	19
1976	---	24.0E ON JUN 8	0.2188 ON MAR 31	112 000	19
1977	15.8 AT 10:30 MST ON JUL 8	13.1 ON JUL 8	0.2358 ON DEC 31	88 200	19
1978	35.1 AT 22:30 MST ON JUN 8	30.0 ON JUN 8	0.1138 ON DEC 28	105 000	19
1979	28.7 AT 23:30 MST ON JUN 3	25.0 ON JUN 12	0.0488 ON JAN 15	119 000	19
1980	---	14.5 ON JUL 1	0.1808 ON JAN 28	80 700	19
1981	27.1 AT 00:03 MST ON MAY 28	23.4 ON MAY 28	0.1588 ON MAY 3	101 000	19
1982	32.3 AT 22:25 MST ON JUN 11	27.4 ON JUN 12	0.1148 ON APR 23	97 000	19
1983	48.8 AT 08:26 MST ON JUN 22 *	42.4 ON JUN 22	0.1808 ON DEC 31	128 000	19
1984	---	47.0 ON MAY 26 *	0.0788 ON MAR 13	118 000R	19
1985	38.5 AT 02:13 MST ON JUL 3	32.8 ON JUL 2	0.0328 ON APR 3 *	118 000	19
1986	31.3 AT 01:55 MST ON JUN 21	28.5 ON JUN 21	0.1238RB ON MAR 10	117 000R	19
1987	35.4 AT 03:55 MST ON JUN 22	33.0 ON JUN 22	0.0708 ON APR 11	122 000	19
1988	29.0 AT 07:11 MST ON JUN 8	27.8 ON JUN 8	0.2718 ON APR 17	112 000	19

B - ICE CONDITIONS; E - ESTIMATED; * - EXTREME RECORDED FOR THE PERIOD OF RECORD; R - REVISED SINCE JAN 01 1987

108 000R ME

TULUGAK RIVER ON BROUGHTON ISLAND - STATION NO. 10UE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YE
1975	---	---	---	---	---	---	0.244	0.188	---	---	---	---	---	197
1976	---	---	---	---	---	---	1.52	0.550	---	---	---	---	---	197
1977	---	---	---	---	---	---	---	0.137	0.042	---	---	---	---	197
1978	---	---	---	---	---	---	---	0.487	0.227	---	---	---	---	197
1980	---	---	---	---	---	---	---	0.318	0.182	---	---	---	---	198
1981	---	---	---	---	---	---	---	0.368	---	---	---	---	---	198
1982	---	---	---	---	---	2.01	0.178	0.148	0.011	---	---	---	---	198
1983	---	---	---	---	---	0.678	2.88	0.288	0.038	---	---	---	---	198
MEAN	---	---	---	---	---	1.44	1.22	0.307	0.088	---	---	---	---	MEA

LOCATION - LAT 67 33 40 N, LONG 63 58 54 W; DRAINAGE AREA, 27.4 km²; NATURAL FLOW

TULUGAK RIVER ON BROUGHTON ISLAND - STATION NO. 10UE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YE
1975	---	---	---	---	19
1976	---	---	---	---	19
1977	---	---	---	---	19
1978	---	---	---	---	19
1980	---	---	---	---	19
1981	---	---	---	---	19
1982	8.51 AT 17:47 CST ON JUN 28 *	8.80A ON JUN 23 *	00 ON JUN 1 *	---	19
1983	---	---	---	---	19

A - MANUAL GAUGE (SEE REFERENCE INDEX); B - ICE CONDITIONS; * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TWITYA RIVER NEAR THE MOUTH - STATION NO. 10HA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	1978
1980	---	---	---	---	---	---	---	---	---	41.4	18.2	12.3	---	1980
1982	7.82	5.28	4.75	4.89	57.1	220	130	138	61.1	32.8	15.0	13.2	58.6	1982
1983	11.0	8.35	7.67	8.18	86.7	274	118	123	63.6	26.2	12.1	10.6	63.6	1983
1984	8.86	4.40	3.86	8.83	---	---	114	89.0	46.0	27.6	12.1	8.66	---	1984
1985	7.92	5.88	5.88	5.80	51.8	244	188	118	89.0	32.8	12.0	8.36	62.1	1985
1986	7.43	5.87	5.72	6.38	33.7	270	170	145	61.0	28.9	11.8	9.78	64.8	1986
1987	6.81	7.80	7.58	7.43	51.4	332	127	102	88.6	51.2	18.7	8.46	62.6	1987
1988	7.07	6.38	6.01	6.87	148	218	139	112	61.8	38.8	20.6	13.1	66.7	1988
MEAN	8.08	6.66	6.87	6.74	78.8	243	141	121	68.2	35.0	14.3	10.8	63.1	MEAN

LOCATION - LAT 64 09 36 N DRAINAGE AREA, 5 890 km²
LONG 128 17 57 W NATURAL FLOW

TWITYA RIVER NEAR THE MOUTH - STATION NO. 10HA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	351 AT 22:30 MST ON JUN 8	---	---	---	1978
1980	---	---	---	---	1980
1982	377 AT 08:18 MST ON JUN 13	350 ON JUN 12	4.70B ON MAR 12	1 850 000	1982
1983	841 AT 08:30 MST ON JUN 1 *	760 ON JUN 1 *	7.20B ON APR 16	2 000 000	1983
1984	---	---	3.80B ON MAR 14 *	---	1984
1985	479 AT 10:31 MST ON JUN 8	438 ON JUN 8	5.10B ON APR 10	1 980 000	1985
1986	683 AT 09:12 MST ON JUN 8	602 ON JUN 8	5.35B ON FEB 28	2 040 000	1986
1987	644 AT 09:05 MST ON MAY 31	498 ON MAY 31	7.40B ON APR 18	1 970 000	1987
1988	348 AT 15:18 MST ON JUN 8	321 ON JUN 8	5.90B ON MAR 25	2 110 000	1988
				1 880 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

UNION RIVER AT OUTLET OF STANWELL-FLETCHER LAKE - STATION NO. 10TN002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	40.8	---	---	---	---	---	1978
MEAN	---	---	---	---	---	---	---	40.8	---	---	---	---	---	MEAN

LOCATION - LAT 72 44 00 N DRAINAGE AREA, 1 970 km² DATA CONTRIBUTED BY -
LONG 84 26 00 W NATURAL FLOW OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

REMARKS - ADDITIONAL HYDROLOGIC AND GEOMORPHOLOGIC DATA ARE AVAILABLE

WALDRON RIVER NEAR THE MOUTH - STATION NO. 07SC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	1.36	0.984	0.739	0.587	2.89	36.7	24.3	9.26	4.81	3.33	2.78	2.13	7.81	1979
1980	1.42 R	0.948R	0.702R	0.584R	7.10 R	13.7 R	8.68R	3.06R	2.16R	2.00R	1.88	1.36	3.48R	1980
1981	0.931R	0.719R	0.572R	0.467R	1.61 R	10.2 R	12.7 R	6.15R	3.02R	1.85R	1.15R	0.849R	3.39R	1981
1982	0.716	0.621	0.515	0.420	0.483	12.6	12.5	5.79	5.43R	5.43R	3.73R	2.34 R	4.38R	1982
1983	1.45 R	0.885	0.707	0.518R	0.400R	5.74R	17.3	30.7	18.2	15.1	12.1	9.15	8.41R	1983
1984	2.26	1.24	0.861	0.894	9.87	21.3	16.9	9.07	6.23	5.36	4.26	2.48	6.68	1984
1985	1.44	1.05	0.721	0.519	5.48	37.0	20.7	13.0	8.70	6.08	4.16	2.15	8.77	1985
1986	1.80	1.14	0.788	0.847	3.81	45.1	28.2	10.3	4.86	3.23	1.83	1.70	8.70	1986
1987	1.14	0.886	0.848	0.457	1.12	8.82	15.1	7.38	4.06	2.82	2.06	1.48	3.81	1987
1988	1.08	1.01	0.788	0.532	0.439	19.7	30.8	14.1	9.48	6.89	5.30	6.46	8.81	1988
MEAN	1.34 R	0.958R	0.708R	0.598R	3.75 R	21.3 R	18.4 R	9.88R	6.71R	5.36R	4.26R	2.69 R	6.36R	MEAN

LOCATION - LAT 63 02 53 N DRAINAGE AREA, 1 830 km²
LONG 110 29 15 W NATURAL FLOW

R - REVISED SINCE JAN 01 1987

WALDRON RIVER NEAR THE MOUTH - STATION NO. 07SC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	45.6 AT 03:35 MST ON JUN 18	45.3 ON JUN 17	0.564E ON APR 23	237 000	1978
1980	---	17.0RE ON JUN 3	0.570RE ON APR 23	109 000R	1980
1981	---	14.4RE ON JUL 4	0.440RE ON APR 26	107 000R	1981
1982	16.6 AT 16:00 MST ON JUN 19	16.5 ON JUN 18	0.380E ON APR 27	138 000R	1982
1983	22.5 AT 10:32 MST ON AUG 20	22.4 ON AUG 23	0.378RE ON MAY 27	285 000R	1983
1984	23.3 AT 15:25 MST ON JUN 13	23.2 ON JUN 12	0.805 ON MAR 24	208 000	1984
1985	43.3 AT 19:40 MST ON JUN 7	43.1 ON JUN 8	0.491 ON APR 27	276 000	1985
1986	53.4 AT 11:04 MST ON JUN 14 *	53.1 ON JUN 14 *	0.539 ON MAY 6	275 000	1986
1987	---	16.0A ON JUL 5	0.438 ON APR 23	120 000	1987
1988	41.8 AT 01:27 MST ON JUL 4	40.9 ON JUL 4	0.344 ON MAY 23 *	259 000	1988
				201 000R	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX) E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

WECHO RIVER AT OUTLET OF INGLIS LAKE - STATION NO. 07SA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	5.82	7.24	9.86	9.36	---	1983
1984	7.86	6.56	5.64	5.20	24.6	32.3	25.4	23.4	17.0	13.8	12.3	9.86	15.4	1984
1985	6.62	5.10	4.55	4.10	15.1	41.0	21.7	13.5	10.2	8.47	7.56	6.66	12.1	1985
1986	5.76	5.06	4.54	4.16	8.76	31.5	27.2	17.2	13.2	9.86	8.23	6.86	11.7	1986
1987	5.84	4.86	4.30	3.80	5.01	8.80	7.80	4.80	3.83	3.44	3.58	3.06	5.01	1987
1988	3.91	3.76	3.63	3.48	11.3	21.3	17.6	14.8	12.4	11.7	9.43	8.73	9.73	1988
MEAN	6.06	5.10	4.47	4.10	11.0	25.0	20.7	15.3	10.8	9.32	8.84	7.72	10.8	MEAN

LOCATION - LAT 63 10 37 N
LONG 115 11 33 W
DRAINAGE AREA, 3 400 km^2
NATURAL FLOW

WECHO RIVER AT OUTLET OF INGLIS LAKE - STATION NO. 07SA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	40.8 AT 10:37 MST ON MAY 28	40.6 ON MAY 28	4.51E ON APR 9	486 000	1984
1985	49.7 AT 21:23 MST ON JUN 4 *	48.6 ON JUN 5 *	3.88 ON APR 22	361 000	1985
1986	36.5 AT 18:18 MST ON JUN 22	36.4 ON JUN 23	3.94A ON MAY 2	370 000	1986
1987	8.76 AT 17:48 MST ON JUN 25	8.58 ON JUN 25	3.26 ON OCT 25	168 000	1987
1988	33.3 AT 11:25 MST ON JUL 5	32.7 ON JUL 5	3.14 ON MAY 18 *	305 000	1988
				341 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX) E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WELDON CREEK NEAR THE MOUTH - STATION NO. 10LA004

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0	0	0	0	2.14	---	---	0.298	0.238	0.220	0.004	0	---	1978
1979	0	0	0	0.007	28.2	3.82	1.28	0.230	2.38	2.48	0.021	0	5.87	1979
1980	0	0	0	0	30.3	5.07	0.238	0.883	1.12	0.831	0.085	0	5.38	1980
1981	0	0	0	0.018	18.6	11.1	7.48	3.08	2.81	2.84	0.439	0	7.87	1981
1982	0	0	0	0	23.6	24.6	1.63	0.852	0.477	0.206	0.001	0	8.47	1982
1983	0	0	0	0	6.25	18.8	0.888	0.843	1.12	2.55	0.030	0	5.18	1983
1984	0	0	0	0	26.4	11.6	2.76	5.04	7.11	2.08	0.477	0	9.60	1984
1985	0	0	0	0	22.1	4.83	0.871	0.101	0.585	0.339	0	0	4.75	1985
1986	0	0	0	0	11.1	15.6	0.431	1.84	1.70	0.242	0	0	5.11	1986
1987	0	0	0	0	20.2	11.6	0.210	0.358	4.46	8.71	0.508	0.008	7.28	1987
1988	0	0	0	0.285	28.0	5.43	1.73	0.495	5.83	2.08	0.263	0	7.27	1988
MEAN	0	0	0	0.028	18.7	11.4	1.72	1.20	2.63	1.85	0.185	0.001	6.77	MEAN

LOCATION - LAT 65 24 49 N
LONG 132 41 41 W
DRAINAGE AREA, 852 km^2
NATURAL FLOW

WELDON CREEK NEAR THE MOUTH - STATION NO. 10LA004

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	---	49.88 ON MAY 17	0 B ON MAY 1 * 0.138 ON AUG 24	93 400	1979
1980	---	120 B ON MAY 24	0 B ON MAY 1	101 000	1980
1981	---	44.0 ON MAY 7	0.3608 ON MAY 1	135 000	1981
1982	---	128 B ON MAY 26	0 B ON MAY 1	135 000	1982
1983	---	123 B ON MAY 31	0 B ON MAY 1	82 100	1983
1984	---	100 B ON MAY 15	0 B ON MAY 1	151 000	1984
1985	---	99.08 ON MAY 20	0 B ON MAY 1	75 500	1985
1986	---	88.08 ON JUN 1	0 B ON MAY 1	81 100	1986
1987	---	128 B ON MAY 28 *	0 B ON MAY 1	116 000	1987
1988	57.2 AT 20:48 MST ON MAY 21 *	55.8 ON MAY 25	0.281 ON AUG 22	118 000	1988
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		108 000	MEAN

WHITE BEAR CREEK NEAR BRADFORD ISLAND - STATION NO. 10VC014

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	0.366	0.057	---	---	---	---	---	1978
MEAN	---	---	---	---	---	---	0.366	0.057	---	---	---	---	---	MEAN

LOCATION - LAT 75 38 02 N, LONG 101 18 02 W DRAINAGE AREA, 14.2 km^2, NATURAL FLOW

REMARKS - ADDITIONAL HYDROLOGIC AND GEOMORPHOLOGIC DATA ARE AVAILABLE

WHITEFISH RIVER NEAR THE MOUTH - STATION NO. 10JD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	12.2	2.14	1.18	0.881	0.488	0.148	---	1977
1978	0.022	0.004	0.007	0.008	13.8	88.8	24.4	6.42	2.85	3.20	1.88	0.878	9.98	1978
1979	0.412	0.101	0.042	0.080	72.1	46.9	7.80	1.28	2.23	2.21	1.30	0.838	11.3	1979
1980	0.559	0.180	0	0.120	131	58.2	8.85	4.16	8.87	5.38	2.88	0.838	18.3	1980
1981	---	---	---	---	---	20.3	9.83	2.85	1.17	2.84	2.18	1.38	---	1981
1982	0	0	0	0	38.1	88.3	19.3	8.48	4.41	2.84	3.04	1.28	14.8	1982
1983	0.875	0.273	0.078	0.030	10.8	141	23.2	5.13	3.38	2.85	1.88	1.08	15.8	1983
1984	0.510	0.181	0.007	0	84.3	29.5	8.87	8.38	42.0	14.8	8.21	1.88	14.8	1984
1985	0.588	0.058	0	0.038	102	47.2	8.17	3.17	1.72	1.44	0.783	0.411	14.1	1985
1986	0.182	0.041	0	0	32.7	81.8	8.18	1.48	0.822	0.840	0.380	0.831	8.01	1986
1987	0.288	0.128	0.024	0.008	31.3	78.3	8.88	1.80	0.773	1.37	0.883	0.488	10.4	1987
1988	0.288	0.084	0.003	0	30.4	101	20.0	3.38	80.1	28.3	8.38	3.31	20.8	1988
MEAN	0.380	0.102	0.018	0.028	52.8	87.8	13.4	4.10	10.8	5.34	2.31	1.08	13.8	MEAN

LOCATION - LAT 88 44 04 N, LONG 124 37 22 W DRAINAGE AREA, 4 740 km^2, NATURAL FLOW

WHITEFISH RIVER NEAR THE MOUTH - STATION NO. 10JD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	81.0 AT 16:00 MST ON JUN 11	80.1 ON JUN 11	0.0048 ON JAN 30	313 000	1978
1979	230 AT 03:10 MST ON MAY 16	198 ON MAY 16	0.0188 ON FEB 23	388 000	1979
1980	288 AT 14:08 MST ON MAY 15 *	284 ON MAY 15 *	0 B ON FEB 21 *	578 000	1980
1981	---	---	---	---	1981
1982	---	177 E ON MAY 28	0 B ON JAN 1	480 000	1982
1983	---	257 B ON JUN 1	0.0308 ON MAR 30	497 000	1983
1984	---	185 B ON MAY 17	0 B ON MAR 10	480 000	1984
1985	---	230 B ON MAY 18	0 B ON FEB 17	443 000	1985
1986	117 B AT 17:37 MST ON MAY 27	117 B ON MAY 27	0 B ON FEB 27	284 000	1986
1987	172 AT 17:00 MST ON MAY 28	171 ON MAY 28	0.0048 ON APR 15	328 000	1987
1988	158 AT 18:14 MST ON JUN 1	154 ON JUN 1	0 B ON MAR 9	881 000	1988
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		438 000	MEAN

NORTHWEST TERRITORIES

WHITESAND RIVER NEAR ALTA/NWT BOUNDARY - STATION NO. 07PA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1986	0.449	0.408	0.508	12.6	128	71.0	---	---	---	---	---	---	---	1986
1987	0.221	0.078	0.014	---	93.3	57.0	23.8	---	---	---	6.64	3.05	---	1987
1988	1.44	0.879	0.300	22.9	101	60.0	58.2	32.8	14.2	8.90	1.17	0.453	28.7	1988
MEAN	0.703	0.354	0.274	17.8	108	62.7	46.1	32.8	14.2	8.90	3.88	1.75	28.7	MEAN

LOCATION - LAT 60 00 17 N DRAINAGE AREA, 3 410 km²
LONG 116 34 44 W NATURAL FLOW

WHITESAND RIVER NEAR ALTA/NWT BOUNDARY - STATION NO. 07PA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1986	---	---	---	---	1986
1987	---	---	---	---	1987
1988	286 AT 05:37 MST ON MAY 3 *	267 ON MAY 3 * 240E ON JUL 6	0.230B ON APR 15 *	812 000	1988
	---	---		812 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

WILLOWLAKE RIVER ABOVE METAHDALI CREEK - STATION NO. 10EB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	7.88	6.58	4.85	5.99	480R	148	43.0	75.8	38.5	79.2	19.4	8.40	76.1R	1975
1976	7.40	6.89	4.21	55.6 R	323R	120	38.7	68.6	85.6	24.8	6.88	4.80	61.8R	1976
1977	8.84	4.42	3.47	5.13	224	81.9	38.4	9.82	8.73	9.09	6.38	3.41	33.7	1977
1978	2.83	2.15	1.88	1.81	209	124	114	46.4	18.7	16.1	8.14	5.07	46.2	1978
1979	4.33	3.88	2.08	2.98	354	151	43.4	24.9	18.8	13.2	6.81	3.88	62.5	1979
1980	2.81	2.43	2.17	34.8	177	59.4	28.0	11.0	28.0 R	27.1	8.89	3.58	31.8R	1980
1981	2.48	2.05	1.88	2.42	324	89.6	77.1	28.5	37.0 R	114	37.1	21.2	62.0R	1981
1982	6.26	4.44	3.44	3.87R	448	288	87.7	184	187	81.0	25.8	20.8	108 R	1982
1983	12.1	6.23	3.80	4.88	302	268	85.6	92.4	40.8 R	22.1 R	12.8	6.88	70.3R	1983
1984	3.36	2.62	3.38	31.7	197	80.3	107	88.8	131	78.8	13.8	7.30	67.4	1984
1985	3.13	2.08	2.32	4.22	884	234 R	111 R	62.4 R	33.2	22.8	11.7	8.07	88.8R	1985
1986	8.47	4.78	3.75	3.38	348	284	154	118	84.1	88.7	13.4	10.7	81.3	1986
1987	9.00	7.48	5.87	13.8	318	88.3	24.0	8.81	7.84	8.81	8.88	4.82	40.4	1987
1977	---	---	---	---	---	---	---	---	---	---	---	---	---	197
1978	---	---	---	---	---	---	---	---	---	---	---	---	---	197
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	197
1980	---	---	---	---	---	---	---	---	---	---	---	---	---	198
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	198
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	198
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	198
1984	---	---	---	---	---	---	---	---	---	---	---	---	---	198
1985	---	---	---	---	---	---	---	---	---	---	---	---	---	198
1986	3.16	2.38	2.20	16.6	333	213	381	81.1	188	80.6	33.8	18.2	101	198
1987	---	---	---	---	---	---	---	---	---	---	---	---	---	198
1988	3.16	2.38	2.20	16.6	333	213	381	81.1	188	80.6	33.8	18.2	101	198
MEAN	5.74	3.81	3.21	14.1 R	218R	154 R	98.6R	62.6 R	58.4 R	44.8 R	14.8	9.28	88.4R	MEA

R - REVISED SINCE JAN 01 19

LOCATION - LAT 62 38 01 N DRAINAGE AREA, 20 300 km²
LONG 122 53 51 W NATURAL FLOW

REMARKS - FORMERLY PUBLISHED AS "NEAR THE MOUTH". RECORDS PRIOR TO 1975 PUBLISHED UNDER 10EB001

WILLOWLAKE RIVER ABOVE METANDALI CREEK - STATION NO. 10EB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	950RE ON MAY 7	4.26B ON MAR 31	2 380 000R	1975
1976	---	730RB ON APR 30	3.88RB ON APR 2	1 880 000R	1976
1977	---	450R ON MAY 15	3.37RB ON FEB 23	1 080 000	1977
1978	---	402R ON MAY 6	1.42RB ON APR 3 *	1 480 000	1978
1979	---	744 ON MAY 15	1.05B ON APR 1	1 880 000	1979
1980	---	344R ON MAY 2	2.10RB ON MAR 24	1 000 000R	1980
1981	---	848R ON MAY 9	1.85RB ON MAR 21	1 840 000R	1981
1982	---	1 240R ON MAY 21	3.30RB ON APR 2	3 440 000R	1982
1983	---	870R ON MAY 30	3.70RB ON MAR 8	3 220 000R	1983
1984	---	518 ON JUL 4	2.50B ON FEB 7	2 130 000	1984
1985	---	1 810A ON MAY 13	1.80RB ON FEB 28	3 080 000R	1985
1986	---	740E ON MAY 13	3.20B ON APR 25	2 880 000	1986
1987	---	851 ON MAY 3	4.00B ON DEC 31	1 280 000	1987
1977	---	---	---	---	1977
1978	---	---	---	---	1978
1979	---	---	---	---	1979
1980	---	---	---	---	1980
1982	---	---	---	---	1982
1983	---	---	---	---	1983
1984	---	---	---	---	1984
1987	---	---	---	---	1987
1988	1 030 AT 12:00 MST ON JUL 2 *	1 910E ON JUL 2 *	2.17B ON MAR 20	3 200 000	1988
1977	456 AT 18:10 MST ON MAY 16	---	---	---	1977
1978	411 AT 03:20 MST ON MAY 6	---	---	---	1978
1979	780 AT 15:50 MST ON MAY 16	---	---	---	1979
1980	370 AT 04:50 MST ON MAY 2	---	---	---	1980
1982	1 280 AT 18:18 MST ON MAY 21	---	---	---	1982
1983	879 AT 16:26 MST ON MAY 29	---	---	---	1983
1984	530 AT 20:54 MST ON JUL 4	---	---	---	1984
1987	866 AT 18:19 MST ON MAY 3	---	---	---	1987
				2 100 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

WILLOWLAKE RIVER BELOW METANDALI CREEK - STATION NO. 10EB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	13.4	8.78	8.62	8.49	284R	178 R	84.5R	43.8	52.5	45.7R	20.8 R	13.5 R	84.0R	1984
1985	10.5	7.77	5.02	88.2 R	232R	204 R	89.3	32.4	19.0	23.0	7.77	4.88	57.2R	1985
1986	3.08	3.13R	2.32R	2.35R	118R	201 R	84.2R	36.1	19.4	23.5	13.4	8.74	41.3R	1986
1987	7.20	6.21	7.01	8.37	419R	283 R	85.7	32.8	18.8	15.4	9.69	7.04	72.2R	1987
1988	5.32	5.21	5.10	4.89	111R	214 R	88.4	19.8	106	48.0	21.7 R	13.6 R	53. A	1988
1989	8.31	6.88	4.90	5.88R	306R	117	58.4	55.9	42.8	35.8	12.1	8.25	64.7R	1989
1970	6.63	5.84	5.20	8.84	163	188	199 R	184	136	86.8	30.6	18.3	85.9R	1970
1971	14.8	12.0	9.26	10.1 R	510R	143 R	38.5	48.8	55.0	30.0	8.52	5.08	74.4R	1971
1972	4.53	4.26	3.68	3.84	313R	203 R	102 R	44.3	26.7	14.3	11.2	7.43	61.9R	1972
1973	5.08	3.76	3.68	13.8 R	387R	98.3	54.0	76.7	46.8	17.2	4.38	4.85	61.3R	1973
1974	4.73	3.71	3.37	3.74	320R	197 R	70.7	48.1	41.5	26.2	15.3	8.85	62.1R	1974
MEAN	7.81	6.03R	5.18R	12.2 R	281R	181 R	81.2R	54.4	51.8	33.4R	14.2 R	9.30R	62.8R	MEAN

LOCATION - LAT 62 38 10 N LONG 122 54 21 W
DRAINAGE AREA, 20 800 km^2
NATURAL FLOW

R - REVISED SINCE JAN 01 1987

REMARKS - FORMERLY PUBLISHED AS "NEAR THE MOUTH". RECORDS SUBSEQUENT TO 1974 PUBLISHED UNDER 10EB0[illegible]

WILLOWLAKE RIVER BELOW METANDALI CREEK - STATION NO. 10EB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	800RE ON MAY 20	5.15B ON APR 21	2 020 000R	1984
1985	---	800RE ON MAY 1	3.40B ON DEC 31	1 810 000R	1985
1986	501 AT 20:00 MST ON MAY 29	487R ON MAY 29	2.26RB ON MAR 14 *	1 300 000R	1986
1987	725 AT 11:00 MST ON MAY 13	684R ON MAY 15	5.85B ON DEC 31	2 280 000R	1987
1988	---	500RE ON JUN 1	4.50B ON MAY 2	1 700 000R	1988
1989	---	700RE ON MAY 15	4.50RB ON APR 1	1 730 000R	1989
1970	---	800RE ON JUL 21	4.87B ON APR 8	2 710 000R	1970
1971	---	1 150RE ON MAY 15 *	4.84B ON DEC 27	2 350 000R	1971
1972	---	850RE ON MAY 22	3.56B ON APR 8	1 850 000R	1972
1973	---	850A ON MAY 7	3.23B ON MAR 8	1 930 000R	1973
1974	986 AT 20:00 MST ON MAY 15 *	937RA ON MAY 15	3.31B ON MAR 8	1 880 000R	1974
				1 980 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

WRIGLEY RIVER NEAR THE MOUTH - STATION NO. 10HB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	0.787	0.623	0.310	0.057R	---	1977
1978	0	0	0	0.185	18.0	11.1	28.5	3.27	2.16	1.07	0.223	0.125	5.37	1978
1979	0.004R	0	0	0.526	26.9	5.44	3.19	3.42	2.23	2.18	0.324	0.010	3.82R	1979
1980	0	0	0	2.73	17.9	6.09	3.72	11.9	8.47	3.01	0.672	0.020	4.57	1980
1981	0	0	0	0.534	22.4	2.29	6.80	2.61	1.73	3.85	0.593	0.100	3.36	1981
1982	0	0	0	0.614	66.6	34.4	18.3	41.3	27.8	7.83	1.03	0.682	15.6	1982
1983	0.586	0.571	0.516	0.856	42.2	26.4	3.18	7.18	2.48	0.908	0.260	0.006	7.12	1983
1984	0	0	0	4.81	10.3	18.9	28.3	18.4	14.2	6.72	0.172	0.043	8.00	1984
1985	0.002R	0	0	0.107	101 R	21.1	10.6	4.80	1.47	2.11	1.20	0.706	12.1 R	1985
1986	0.846	0.514	0.427	0.193	48.6	23.7	6.80	19.2	13.0	3.86	1.31	0.604	10.1	1986
1987	0.183	0.001	0	0.472	8.28	10.3	3.41	1.38	1.88	1.47	0.657	0.262	2.38	1987
1988	0.050	0.001	0.001	3.37	30.0	---	---	---	---	---	---	---	---	1988
MEAN	0.128R	0.088	0.086	1.28	34.9 R	16.0	11.0	11.0	6.84	2.88	0.605	0.228R	7.28R	MEAN

LOCATION - LAT 63 10 34 N, LONG 123 41 26 W
DRAINAGE AREA, 1 230 km²
NATURAL FLOW

R - REVISED SINCE JAN 01 1987

REMARKS - FLOWS ABOVE 400 m³/s WERE ESTIMATED AND SHOULD BE USED WITH DISCRETION

WRIGLEY RIVER NEAR THE MOUTH - STATION NO. 10HB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1977	---	---	---	---	1977
1978	274 A AT 19:00 MST ON JUL 24	184 E ON JUL 25	0 B ON JAN 1 *	188 000	1978
1979	---	78.48 ON MAY 15	0 B ON JAN 19	121 000R	1979
1980	84.1RA ON AUG 4	83.2E ON AUG 4	0 B ON JAN 1	145 000	1980
1981	---	75.8B ON MAY 4	0 B ON JAN 1	106 000	1981
1982	308 AT 18:17 MST ON AUG 11	228 ON AUG 12	0 B ON JAN 1	488 000	1982
1983	174 AT 01:44 MST ON MAY 28	140 ON MAY 28	0 B ON DEC 11	225 000	1983
1984	87.0 AT 17:33 MST ON JUL 28	67.9 ON JUL 28	0 B ON JAN 1	253 000	1984
1985	888 RE AT 22:52 MST ON MAY 21 *	478 RE ON MAY 22 *	0 B ON JAN 11	382 000R	1985
1986	180 AT 17:32 MST ON JUN 25	142 ON JUN 25	0.042B ON APR 28	318 000	1986
1987	32.0 AT 11:46 MST ON JUN 12	26.8 ON JUN 12	0 B ON FEB 18	74 400	1987
1988	---	---	---	---	1988
MEAN				228 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

YELLOWKNIFE RIVER AT INLET TO PROSPEROUS LAKE - STATION NO. 07SB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	15.5	13.3	12.8	11.1	12.7	14.4	13.8	15.3	19.4	15.8	---	---	---	1939
1940	12.4	11.5	10.7	10.1	10.8	13.1	13.3	---	---	---	---	---	---	1940
1941	---	23.3	19.1	15.2	16.3	21.8	85.1	51.2	32.5	23.2	19.4	16.6	---	1941
1942	15.0	13.8	12.5	14.5	14.5	18.5	15.1	19.0	19.9	20.3	19.5	17.4	17.0	1942
1943	14.6	13.7	14.7	21.0	20.3	17.0	16.1	16.9	24.2	23.5	23.4	23.4	19.3	1943
1944	21.0	18.6	15.9	14.9	19.7	21.4	49.5	47.3	33.3	26.5	21.1	18.6	26.7	1944
1945	16.2	13.8	12.0	10.6	10.7	15.8	15.2	14.0	19.8	20.5	22.0	21.7	16.6	1945
1946	16.6	16.0	13.6	11.6	26.1	33.5	26.9	29.1	24.0	30.9	17.1	15.5	21.2	1946
1947	15.5	13.9	13.6	13.6	20.4	22.8	18.7	41.6	33.7	25.7	23.2	20.6	21.8	1947
1948	16.5	16.0	15.3	13.6	18.8	18.2	17.0	30.0	39.1	46.6	46.1	43.4	26.9	1948
1949	36.7	26.6	22.9	19.1	23.6	33.6	54.6	48.7	31.6	23.6	19.1	15.7	29.9	1949
1950	15.0	14.6	15.6	15.7	18.4	19.9	17.7	18.2	22.1	19.1	15.0	14.0	17.2	1950
1951	11.8	10.6	13.0	12.7	16.3	18.1	24.1	36.6	28.6	26.6	22.4	18.7	20.0	1951
1952	15.8	18.1	15.6	15.6	39.0	66.3	67.3	51.8	46.0	36.6	32.6	28.6	36.4	1952
1953	25.3	22.2	18.3	15.1	16.6	16.2	15.6	15.6	21.6	23.7	28.0	31.6	21.1	1953
1954	26.6	24.1	21.1	17.2	23.2	31.6	28.4	38.0	28.6	24.7	22.4	21.7	25.7	1954
1955	21.0	19.2	17.8	17.1	20.1	32.0	80.5	46.1	32.6	26.1	22.0	19.1	27.8	1955
1956	17.0	15.4	15.0	14.3	14.3	16.3	14.3	21.0	24.4	24.6	25.3	23.8	18.8	1956
1957	21.8	19.7	17.3	16.1	16.3	26.3	65.2	78.4	59.8	43.7	33.8	28.3	36.0	1957
1958	24.9	21.1	18.3	16.0	25.5	49.5	58.0	48.2	46.3	42.1	37.1	33.2	36.0	1958
1959	27.7	24.8	20.3	17.8	24.3	47.1	70.8	76.6	66.9	62.3	55.7	47.6	45.6	1959
1960	38.7	32.0	25.6	21.5	25.8	62.1	81.6	55.8	35.0	26.3	23.8	21.3	36.8	1960
1961	19.6	17.3	16.4	15.4	16.6	23.5	22.2	30.1	23.0	18.0	14.7	13.7	19.4	1961
1962	14.4	14.2	13.7	14.0	13.2	16.5	17.6	28.7	29.3	23.1	19.3	17.0	18.2	1962
1963	14.9	16.3	16.6	16.2	16.8	22.6	61.6	65.5	61.3	66.7	61.3	66.7	45.4	1963
1964	48.3	41.5	33.6	28.2	44.2	68.2	69.6	72.7	61.1	38.1	29.6	24.7	47.7	1964
1965	21.3	18.6	15.9	15.2	15.8	20.4	47.1	43.6	27.2	20.6	17.6	15.5	23.1	1965
1966	18.3	16.8	16.0	16.1	21.1	28.1	47.6	37.8	35.4	30.4	16.6	16.6	23.4	1966
1967	19.6	17.0	17.2	16.7	16.6	36.6	40.3	49.6	33.2	28.6	28.4	26.0	27.6	1967
1968	26.1	22.6	21.4	20.6	24.0	43.6	74.4	66.7	59.4	61.1	43.6	27.2	41.2	1968
1969	30.9	26.1	19.7	18.4	26.7	28.4	22.2	21.6	56.7	72.9	66.7	56.1	37.4	1969
1970	49.8	36.9	27.3	22.8	29.6	36.1	35.7	64.8	61.2	64.1	63.6	64.8	44.7	1970
1972	32.9	37.0	39.6	22.1	26.9	37.6	44.3	62.8	46.6	42.0	36.7	31.7	37.6	1972
1973	36.4	32.4	31.6	26.0	36.4	37.6	46.6	63.0	48.6	44.1	40.2	36.4	38.0	1973
1974	32.7	16.6	11.3	8.88	16.6	23.1	28.1	53.7	64.6	60.2	66.0	62.6	36.2	1974
1975	51.6	46.6	44.6	41.0	66.6	67.3	66.4	66.3	46.6	42.0	36.6	33.4	48.2	1975
1976	28.1	23.3	---	---	26.6	27.7	10.4	7.13	21.4	21.3	26.0	21.1	---	1976
1977	23.6	18.0	17.6	---	11.0	8.81	9.33	16.2	23.6	11.6	13.4	10.6	---	1977
1978	11.3	10.6	12.9	8.03	10.6	12.6	11.1	14.6	30.6	17.0	14.0	12.2	13.0	1978
1979	11.4	10.3	13.1	14.1	14.2	16.4	36.6	27.4	21.6	17.0	14.1	12.6	17.4	1979
1980	12.1	10.0	14.4	14.1	20.6	21.2	17.6	13.6	14.3	13.2	14.2	14.0	15.6	1980
1981	16.4	13.6	13.6	13.1	13.2	11.6	8.66	7.76	8.09	13.1	11.4	8.67	11.7	1981
1982	---	---	---	---	16.6	32.6	63.6	63.4	74.2	60.3	64.2	60.6	---	1982
MEAN	23.1	20.3	18.6	16.6	21.7	29.2	37.6	40.2	36.4	33.2	29.6	26.2	28.3	MEAN

LOCATION - LAT 62 40 10 N DRAINAGE AREA, 11 300 km²
LONG 114 15 45 W REGULATED SINCE 1941

REMARKS - CONTRIBUTED DATA AVAILABLE FROM COMICO MINES

YELLOWKNIFE RIVER AT INLET TO PROSPEROUS LAKE - STATION NO. 07SB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1939	---	18.7 ON AUG 29	10.3 ON APR 23	---	1939
1940	---	---	8.16 ON APR 25	---	1940
1941	---	79.3 ON JUL 16	13.2 ON MAY 16	---	1941
1942	---	33.7 ON SEP 11	6.728 ON FEB 22	537 000	1942
1943	---	26.3 ON APR 24	4.13 ON JUL 2	808 000	1943
1944	---	58.3 ON JUL 16	12.7 B ON APR 6	813 000	1944
1945	---	22.8 ON OCT 26	8.958 ON MAY 8	498 000	1945
1946	---	36.0 ON JUN 10	10.9 B ON APR 21	670 000	1946
1947	---	48.0 ON AUG 12	12.7 B ON APR 7	880 000	1947
1948	---	50.1 ON NOV 8	13.8 B ON APR 21	851 000	1948
1949	---	89.7 ON JUL 23	13.4 B ON DEC 28	942 000	1949
1950	---	24.0 ON SEP 2	11.2 B ON DEC 25	843 000	1950
1951	---	41.1 ON AUG 8	7.478 ON FEB 8	630 000	1951
1952	---	79.8 ON JUN 20	14.7 B ON MAR 26	1 180 000	1952
1953	---	36.88 ON DEC 30	4.508 ON APR 8	884 000	1953
1954	---	37.7 ON AUG 9	15.3 B ON MAY 2	812 000	1954
1955	---	89.4 ON JUL 6	13.9 B ON MAY 7	878 000	1955
1956	---	29.4 ON SEP 26	7.45 ON AUG 6	595 000	1956
1957	---	90.9 ON JUL 30	14.2 ON MAY 6	1 130 000	1957
1958	---	80.8 ON JUL 12	12.4 B ON MAY 3	1 130 000	1958
1959	---	91.2 ON JUL 28	15.7 B ON MAY 6	1 440 000	1959
1960	---	94.0 ON JUL 5	19.1 ON MAY 11	1 230 000	1960
1961	---	32.3 ON AUG 4	13.0 B ON DEC 10	811 000	1961
1962	---	36.2 ON AUG 22	8.50 ON JUL 17	578 000	1962
1963	---	96.3 ON JUL 28	14.0 B ON JAN 31	1 430 000	1963
1964	---	97.4 ON JUL 25	22.6 ON DEC 28	1 610 000	1964
1965	---	82.8 ON JUL 21	13.2 ON MAR 9	730 000	1965
1966	---	56.1 ON JUL 17	12.4 ON DEC 15	737 000	1966
1967	---	56.8 ON AUG 3	16.5 ON FEB 22	878 000	1967
1968	---	85.8 ON JUL 20	16.5 ON MAR 1	1 300 000	1968
1969	---	74.8 ON OCT 15	12.4 ON APR 18	1 180 000	1969
1970	---	68.8 ON NOV 1	22.2 ON APR 19	1 410 000	1970
1972	---	85.2 ON JUL 31	17.8 ON MAY 3	1 190 000	1972
1973	---	53.0 ON AUG 8	16.1 ON APR 30	1 230 000	1973
1974	---	70.8 ON SEP 5	8.81 ON MAY 3	1 110 000	1974
1975	---	74.5 ON JUN 27	17.8 ON DEC 12	1 830 000	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	---	24.3R ON SEP 5	7.07R ON APR 25	411 000	1978
1979	---	61.0 ON JUL 20	8.81 ON FEB 12	849 000	1979
1980	---	23.0R ON JUN 5	3.37R ON SEP 17	480 000	1980
1981	---	16.7 ON JAN 8	1.84 ON SEP 23 *	388 000	1981
1986	101 AT 15:15 MST ON JUL 31 *	101 ON JUL 28 *	---	---	1986
				883 000	MEA

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 01 1987

YELLOWKNIFE RIVER AT OUTLET BLUEFISH LAKE DAM - STATION NO. 07SB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEA
1941	---	13.5	9.03	8.15	8.81	23.4	57.9	42.1	22.1	12.8	9.00	8.12	---	1941
1942	4.26	3.87	3.76	3.73	7.87	8.15	4.74	8.51	8.88	8.82	8.08	7.24	8.85	1942
1943	4.00	3.88	3.83	8.50	8.48	8.44	7.06	10.8	17.0	15.1	14.8	14.0	8.75	1943
1944	12.4	8.12	8.46	8.70	12.3	15.5	44.4	41.7	28.7	17.8	12.2	8.38	17.8	1944
1945	7.01	4.85	3.24	1.87	3.02	8.77	8.82	8.18	8.05	11.6	11.8	11.8	7.88	1945
1946	8.58	8.75	3.46	1.80	15.5	25.3	21.0	20.2	14.2	8.88	8.28	3.87	11.2	1946
1947	3.71	1.80	1.71	2.18	8.88	11.0	8.18	30.0	22.0	14.3	11.6	8.43	10.3	1947
1948	7.39	4.72	4.00	3.45	8.41	8.15	8.48	19.1	28.1	35.1	36.8	31.8	15.8	1948
1949	26.1	17.1	11.8	8.02	13.2	22.8	43.5	37.5	28.4	13.8	8.84	3.23	18.3	1949
1950	2.61	2.39	2.08	3.20	5.85	7.55	8.66	8.28	8.74	8.53	3.62	2.20	4.87	1950
1951	2.18	2.02	2.17	2.33	3.14	5.74	12.1	24.1	17.3	13.0	8.85	8.28	8.40	1951
1952	3.46	8.74	3.40	3.44	26.8	53.8	88.1	39.4	33.8	28.2	20.0	18.1	24.0	1952
1953	12.8	8.88	8.87	3.85	4.28	8.70	3.88	3.83	8.28	11.4	18.8	18.7	8.78	1953
1954	18.1	11.7	8.88	4.83	18.8	18.2	17.0	33.8	18.1	12.2	8.80	8.32	13.3	1954
1955	8.88	8.88	8.80	4.74	7.70	18.8	48.4	32.8	21.1	13.5	8.85	8.75	15.5	1955
1956	4.78	3.13	3.87	1.88	1.88	4.01	3.23	8.88	12.1	12.0	13.0	11.8	8.54	1956
1957	8.80	7.80	8.08	3.88	8.88	14.3	53.1	87.2	47.8	---	---	---	---	1957
MEAN	8.28	8.87	4.80	4.08	8.75	18.5	23.4	25.0	20.3	14.7	13.4	10.8	12.0	MEA

LOCATION - LAT 62 41 00 N
LONG 114 18 00 W REGULATED

DATA CONTRIBUTED BY - COMINCO LIMITED

YELLOWKNIFE RIVER AT OUTLET BLUEFISH LAKE DAM - STATION NO. 07SB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	71.1 ON JUL 18	4.13 ON MAY 8	---	1941
1942	---	33.5 ON SEP 11	0.481 ON SEP 15 *	210 000	1942
1943	---	19.3 ON SEP 13	1.27 B ON JAN 26	307 000	1943
1944	---	53.2 ON JUL 18	4.88 ON APR 10	888 000	1944
1945	---	18.7 ON JUL 2	1.42 ON MAY 18	242 000	1945
1946	---	27.0 ON JUN 10	1.88 ON APR 24	355 000	1946
1947	---	37.4 ON AUG 18	1.38 ON APR 5	321 000	1947
1948	---	36.8 ON NOV 8	2.07 ON APR 15	803 000	1948
1949	---	68.0 ON JUL 23	2.63 ON DEC 28	808 000	1949
1950	---	15.8 ON SEP 3	2.07 ON DEC 6	154 000	1950
1951	---	26.8 ON AUG 6	1.93 ON FEB 7	265 000	1951
1952	---	67.4 ON JUN 20	2.24 ON APR 2	758 000	1952
1953	---	28.9 ON DEC 30	1.81 ON APR 28	277 000	1953
1954	---	26.1 ON AUG 9	2.84 ON MAY 2	420 000	1954
1955	---	57.2 ON JUL 6	1.80 ON MAY 7	480 000	1955
1956	---	17.1 ON SEP 25	1.42 ON APR 4	207 000	1956
1957	---	78.7 ON JUL 30 *	1.83 ON MAY 6	---	1957
				378 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

YELLOWKNIFE RIVER AT OUTLET FROM PROSPEROUS LAKE - STATION NO. 07SB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	113	82.4	63.9	70.1	57.1	43.4	---	1937
1938	38.4	29.5	24.2	19.9	22.2	33.5	34.2	36.4	38.3	27.8	19.8	20.3	28.4	1938
1939	16.8	16.8	15.7	13.8	15.4	16.9	16.7	15.8	16.7	16.1	15.4	---	---	1939
1940	14.5	13.8	13.8	12.0	13.8	15.4	15.7	19.8	32.8	---	---	---	---	1940
1987	---	---	---	---	---	25.5	30.5	16.7	21.8	21.8	17.8	17.2	---	1987
1988	14.8	14.5	14.8	13.3	15.0	38.3	78.3	123	88.7	77.1	57.8	48.7	51.1	1988
MEAN	21.1	18.8	18.8	14.8	16.4	26.1	46.3	60.7	48.4	42.8	30.8	26.8	38.8	MEAN

LOCATION - LAT 62 29 29 N LONG 113 31 29 W DRAINAGE AREA, 16 300 km^2 REGULATED SINCE 1941

REMARKS - FLOW DATA DERIVED FROM WATER LEVEL DATA OBTAINED AT STATION NO. 07SB014

YELLOWKNIFE RIVER AT OUTLET FROM PROSPEROUS LAKE - STATION NO. 07SB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1937	---	124 ON JUL 4	---	---	1937
1938	---	38.8E ON AUG 30	18.1E ON APR 25	884 000	1938
1939	---	18.7 ON SEP 18	13.4E ON APR 20	---	1939
1940	---	---	11.7 ON APR 31 *	---	1940
1987	39.5 AT 08:47 MST ON MAY 20	---	---	---	1987
1988	134 AT 18:06 MST ON AUG 4 *	132 ON AUG 1 *	12.7 ON MAY 3	1 620 000	1988
				1 250 000	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

YELLOWKNIFE RIVER POWER DIVERSION AT SITE Y2 - STATION NO. 07SB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	9.71	10.1	10.1	9.51	8.38	7.18	9.11	10.4	10.4	10.4	10.5	---	1941
1942	10.7	9.85	9.89	10.7	10.5	10.4	10.3	10.5	10.2	10.7	10.5	10.2	10.4	1942
1943	10.8	11.0	11.8	11.5	10.9	8.60	9.01	8.40	7.26	7.43	8.47	9.37	9.83	1943
1944	9.24	9.52	9.42	8.18	7.38	8.88	8.18	8.83	8.85	7.82	8.88	9.24	7.78	1944
1945	8.18	8.88	8.81	8.78	7.70	8.05	8.34	8.88	7.70	8.14	10.2	10.1	8.18	1945
1946	10.2	10.2	10.1	9.84	9.81	8.28	7.85	8.84	8.80	11.2	11.8	11.8	8.88	1946
1947	11.8	12.0	12.1	11.8	11.7	11.8	11.8	11.8	11.7	11.4	11.8	11.4	11.7	1947
1948	11.2	11.3	11.3	11.1	10.4	10.1	10.5	11.0	11.0	11.8	11.2	11.8	11.0	1948
1949	11.8	11.8	11.4	11.0	11.3	10.8	11.1	11.3	2.43	8.70	12.8	12.5	10.8	1949
1950	12.4	12.4	12.8	12.8	12.8	12.4	12.0	11.8	12.3	12.8	12.8	11.8	12.3	1950
1951	8.72	8.80	10.8	10.4	12.1	12.3	12.0	12.4	12.8	12.5	12.5	12.8	11.8	1951
1952	12.8	12.4	12.4	12.2	12.8	12.4	12.2	12.5	12.4	12.8	12.8	12.8	12.4	1952
1953	12.4	12.8	12.8	12.8	12.8	12.8	11.8	12.1	12.8	12.3	12.8	12.1	12.3	1953
1954	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.2	12.8	12.8	12.8	13.4	12.4	1954
1955	12.3	12.3	12.3	12.3	12.4	12.3	12.1	12.4	12.4	12.8	12.8	12.4	12.4	1955
1956	12.3	12.3	12.3	12.4	12.3	12.3	12.1	13.0	12.3	12.4	12.4	12.2	12.3	1956
1957	12.3	12.2	12.2	12.3	12.3	12.1	12.1	12.3	12.4	---	---	---	---	1957
MEAN	11.3	11.1	11.3	11.1	11.1	10.8	10.3	10.8	10.4	11.0	11.8	11.4	11.0	MEAN

LOCATION - LAT 62 40 00 N LONG 114 18 31 W DRAINAGE AREA, 10 800 km^2 REGULATED DATA CONTRIBUTED BY - COMINCO LIMITED

YELLOWKNIFE RIVER POWER DIVERSION AT SITE Y2 - STATION NO. 07SB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	11.6 ON OCT 1	0 ON JUL 25 *	---	1941
1942	---	11.8 ON FEB 5	5.66 ON JUL 1	327 000	1942
1943	---	12.4 ON MAR 11	0 ON JUL 2	301 000	1943
1944	---	10.1 ON MAR 16	0 ON JUL 1	245 000	1944
1945	---	10.8 ON NOV 13	1.63 ON JUL 2	287 000	1945
1946	---	12.4 ON DEC 16	3.20 ON JUN 30	318 000	1946
1947	---	12.6 ON JAN 30	5.32 ON JUL 1	389 000	1947
1948	---	13.1 ON OCT 2 *	5.16 ON SEP 9	348 000	1948
1949	---	12.7 ON NOV 8	0 ON SEP 7	335 000	1949
1950	---	12.7 ON MAR 13	6.81 ON SEP 3	388 000	1950
1951	---	12.6 ON AUG 26	5.66 ON FEB 6	386 000	1951
1952	---	12.7 ON SEP 16	7.39 ON JUL 20	384 000	1952
1953	---	12.7 ON NOV 16	0.595 ON APR 9	387 000	1953
1954	---	12.5 ON JAN 9	7.11 ON AUG 1	381 000	1954
1955	---	12.6 ON SEP 4	5.83 ON JUL 31	390 000	1955
1956	---	12.6 ON SEP 14	4.61 ON AUG 5	388 000	1956
1957	---	12.4 ON JUN 2	5.66 ON JUN 30	---	1957
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		347 000	MEAN

ZED CREEK NEAR INUVIK - STATION NO. 10ND003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	3.98	3.26	2.58	---	---	---	---	1978
1979	0	0	0	0	0	1.81	2.30	1.87	1.78	1.63	0.881	0.033	0.880	1979
1980	0	0	0	0	0	2.36	3.47	2.72	2.36	2.09	1.02	0.010	1.18	1980
1981	0	0	0	0	0	2.88	3.62	2.73	2.28	1.85	0.787	0.103	1.19	1981
1982	0	0	0	0	0	2.04	2.05	3.24	2.56	1.63	0.158	0.006	0.871	1982
MEAN	0	0	0	0	0	2.30	3.07	2.72	2.36	1.76	0.727	0.038	1.05	MEAN

LOCATION - LAT 68 55 37 N DRAINAGE AREA, 401 km^2
LONG 133 25 10 W NATURAL FLOW

ZED CREEK NEAR INUVIK - STATION NO. 10ND003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	4.26 ON JUL 16	---	---	1978
1979	2.77 AT 19:00 MST ON JUN 26	2.80 ON JUN 27	0B ON JAN 1 *	27 100	1979
1980	4.30 AT 11:00 MST ON JUN 30 *	4.28 ON JUN 30	0B ON JAN 1	36 800	1980
1981	---	4.42E ON JUN 26 *	0B ON JAN 1	37 800	1981
1982	---	4.10E ON JUN 16	0B ON JAN 1	30 800	1982
				33 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NAME	STATION NO.	PAGE
YUKON TERRITORY		
AISHINIK RIVER BELOW AISHINIK LAKE	08AA010	1
AISHINIK RIVER NEAR WHITEHORSE	08AA001	1
ALSEK RIVER ABOVE BATES RIVER	08AB001	2
BABBAGE RIVER BELOW CARIBOU CREEK	10MD003	3
BEAVER RIVER BELOW WHITEFISH RIVER	10BD001	3
BIG CREEK NEAR THE MOUTH	08AH003	4
BIG SALMON RIVER NEAR CARMACKS	09AE001	5
BLACKSTONE RIVER NEAR CHAPMAN LAKE AIRSTRIP	10MA003	5
BONNET PLUME RIVER ABOVE GILLESPIE CREEK	10MB004	5
CLINTON CREEK ABOVE WOLVERINE CREEK	09EC001	6
DEZADEASH RIVER AT HAINES JUNCTION	08AA003	7
DONJEK RIVER BELOW KLUANE RIVER	08CA003	8
DUKE RIVER NEAR THE MOUTH	08CA004	9
EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE	09FB003	9
FIRTH RIVER NEAR THE MOUTH	10MD001	10
FORTYMILE RIVER NEAR THE MOUTH	09EC002	10
FRANCES RIVER NEAR WATSON LAKE	10EB001	11
GILTANA CREEK NEAR THE MOUTH	08AA009	11
HESS RIVER ABOVE EMERALD CREEK	09BA001	12
HYLAND RIVER AT KILOMETRE 108.5 NAHANNI RANGE ROAD	10AD002	12
INDIAN RIVER ABOVE THE MOUTH	09EB003	13
KATHLEEN RIVER NEAR HAINES JUNCTION	08AA004	13
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KLONDIKE RIVER ABOVE BONANZA CREEK	09EA003	14
KLUANE RIVER AT OUTLET OF KLUANE LAKE	09CA002	15
LIARD RIVER AT UPPER CROSSING	10AA001	16
LITTLE SOUTH KLONDIKE RIVER BELOW ROSS CREEK	09EA005	17
LUBBOCK RIVER NEAR ATLIN	08AA007	18
M'CLINTOCK RIVER NEAR WHITEHORSE	08AB008	18
MACMILLAN RIVER NEAR THE MOUTH	09BB002	20
MAYO RIVER NEAR MAYO	09DC001	20
MCQUESTEN RIVER NEAR THE MOUTH	09DD004	20
NISUTLIN RIVER ABOVE WOLF RIVER	08AD001	21
NORDENSKIOLD RIVER BELOW ROWLINSON CREEK	09AH004	21
NORTH KLONDIKE RIVER NEAR THE MOU'H	09EA004	22
OGILVIE RIVER AT KILOMETRE 187.8 DEMPSTER HIGHWAY	10MA002	22
OLD CROW RIVER NEAR THE MOUTH	09FC001	23
PEEL RIVER ABOVE CANYON CREEK	10MA001	24
PELLY RIVER AT PELLY CROSSING	09BC001	25
PELLY RIVER AT ROSS RIVER	09BC002	26
PELLY RIVER BELOW FORTIN CREEK	09BA002	26
PELLY RIVER BELOW VANGORDA CREEK	09BC004	27
PORCUPINE RIVER AT OLD CROW	09FB001	27
PORCUPINE RIVER BELOW BELL RIVER	09FB001	28
PORCUPINE RIVER NEAR INTERNATIONAL BOUNDARY	09FD002	29
RANCHERIA RIVER NEAR THE MOUTH	10AA004	29
ROSE CREEK BELOW FARO CREEK	09BC003	30
ROSS RIVER AT ROSS RIVER	09BA001	30
SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE	08AA008	31
SIDNEY CREEK AT KILOMETRE 46 SOUTH CANOL ROAD	09AD002	31
SNAKE RIVER ABOVE IRON CREEK	10MB001	32
SNAKE RIVER NEAR THE MOUTH	10MB003	32
SOUTH BIG SALMON RIVER BELOW LIVINGSTONE CREEK	09AG003	33
SOUTH MACMILLAN RIVER AT KILOMETRE 407 CANOL ROAD	09BB001	33
STEWART RIVER ABOVE FRASER FALLS	09DC003	34
STEWART RIVER AT MAYO	09DC002	35
STEWART RIVER AT STEWART CROSSING	09DD002	36
STEWART RIVER AT THE MOUTH	09DD003	36
TAGISH CREEK NEAR CARCROSS	08AA011	37
TAKHANNE RIVER AT KM 187 HAINES HIGHWAY	08AC001	38
TAKHINI RIVER AT OUTLET OF KUSAWA LAKE	08AC004	38
TAKHINI RIVER NEAR WHITEHORSE	08AC001	39
TESLIN RIVER NEAR TESLIN	08AE001	41
TESLIN RIVER NEAR WHITEHORSE	08AF001	42
TOM CREEK AT KILOMETRE 34.8 ROBERT CAMPBELL HIGHWAY	10AA002	43
WATSON RIVER NEAR CARCROSS	08AA008	44
WHEATON RIVER NEAR CARCROSS	08AA013	44
WHITE RIVER AT KILOMETRE 1881.8 ALASKA HIGHWAY	09CB001	45
WHITESTONE RIVER NEAR THE MOUTH	09FA001	45
YUKON RIVER ABOVE FRANK CREEK	08AB009	46
YUKON RIVER ABOVE WHITE RIVER	09EB001	47
YUKON RIVER AT CARMACKS	09AH001	48
YUKON RIVER AT DAWSON	09EB001	49
YUKON RIVER AT EAGLE	09EB001	50
YUKON RIVER AT STEWART RIVER	09EB002	51
YUKON RIVER AT WHITEHORSE	09AB001	53
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ACASTA RIVER ABOVE LITTLE CRAPEAU LAKE	10JB004	54
AKKUTUAK CREEK NEAR BAKER LAKE	08NA004	54
ALLEN RIVER NEAR THE MOUTH	10YC001	55
ANDERSON RIVER BELOW CARNWATH RIVER	10NC001	55
ANIGAG RIVER BELOW AUDRA LAKE	08MA007	56
APEX RIVER AT APEX	10UH002	56
ARCTIC RED RIVER NEAR THE MOUTH	10LA002	57
ATITOK CREEK NEAR DISMAL LAKES	10PC002	58
BACK RIVER ABOVE HERMANN RIVER	10RC001	58
BACK RIVER BELOW BEECHY LAKE	10RA001	59
BAILLIE RIVER NEAR THE MOUTH	10RA002	60
BAKER CREEK AT OUTLET OF LOWER MARTIN LAKE	07SB013	60
BAKER CREEK NEAR YELLOWKNIFE	07SB009	61

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BIG RIVER ABOVE EGG RIVER	15TA001	81
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BIRCH RIVER AT HIGHWAY NO. 7	10EB003	83
BLACKWATER RIVER AT OUTLET OF BLACKWATER LAKE	10HC006	83
BLACKWATER RIVER NEAR THE MOUTH	10HC005	84
BOOT CREEK NEAR INUVIK	10LC010	84
BOSWORTH CREEK AT NORMAN WELLS	10KA003	84
BOSWORTH CREEK NEAR NORMAN WELLS	10KA007	85
BROWN RIVER ABOVE BROWN LAKE	08DA008	85
BUFFALO RIVER AT HIGHWAY NO. 5	07PA001	85
BUFFALO RIVER NEAR ALTA/NWT BOUNDARY	07PC001	85
BURNSIDE RIVER NEAR THE MOUTH	10GC001	87
CABIN CREEK ABOVE HIGHWAY NO. 8	10LC009	87
CAMERON RIVER BELOW REID LAKE	07SB010	88
CAMERON RIVER NEAR THE MOUTH	07SB004	88
CAMPBELL CREEK NEAR INUVIK	10LC004	88
CAMSELL RIVER AT OUTLET OF CLUT LAKE	10JA002	88
CARCAJOU RIVER BELOW IMPERIAL RIVER	10KB001	70
CARIBOU CREEK ABOVE HIGHWAY NO. 8	10LC007	70
CARNWATH RIVER BELOW ANDREW RIVER	10NA001	71
COPPERMINE RIVER ABOVE BLOODY FALLS	10PC003	71
COPPERMINE RIVER ABOVE COPPER CREEK	10PC004	71
COPPERMINE RIVER AT OUTLET OF POINT LAKE	10PB001	72
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DUVAL RIVER NEAR PANGNIRTUNG	10UP001	74
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FALLS RIVER NEAR D'IBERVILLE FIORD	10YH001	75
FAR CREEK AT FAR LAKE OUTLET	08DA003	76
FERGUSON RIVER BELOW O'NEIL LAKE	08NB002	76
FLAT RIVER AT CANTUNG CAMP	10EA002	77
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